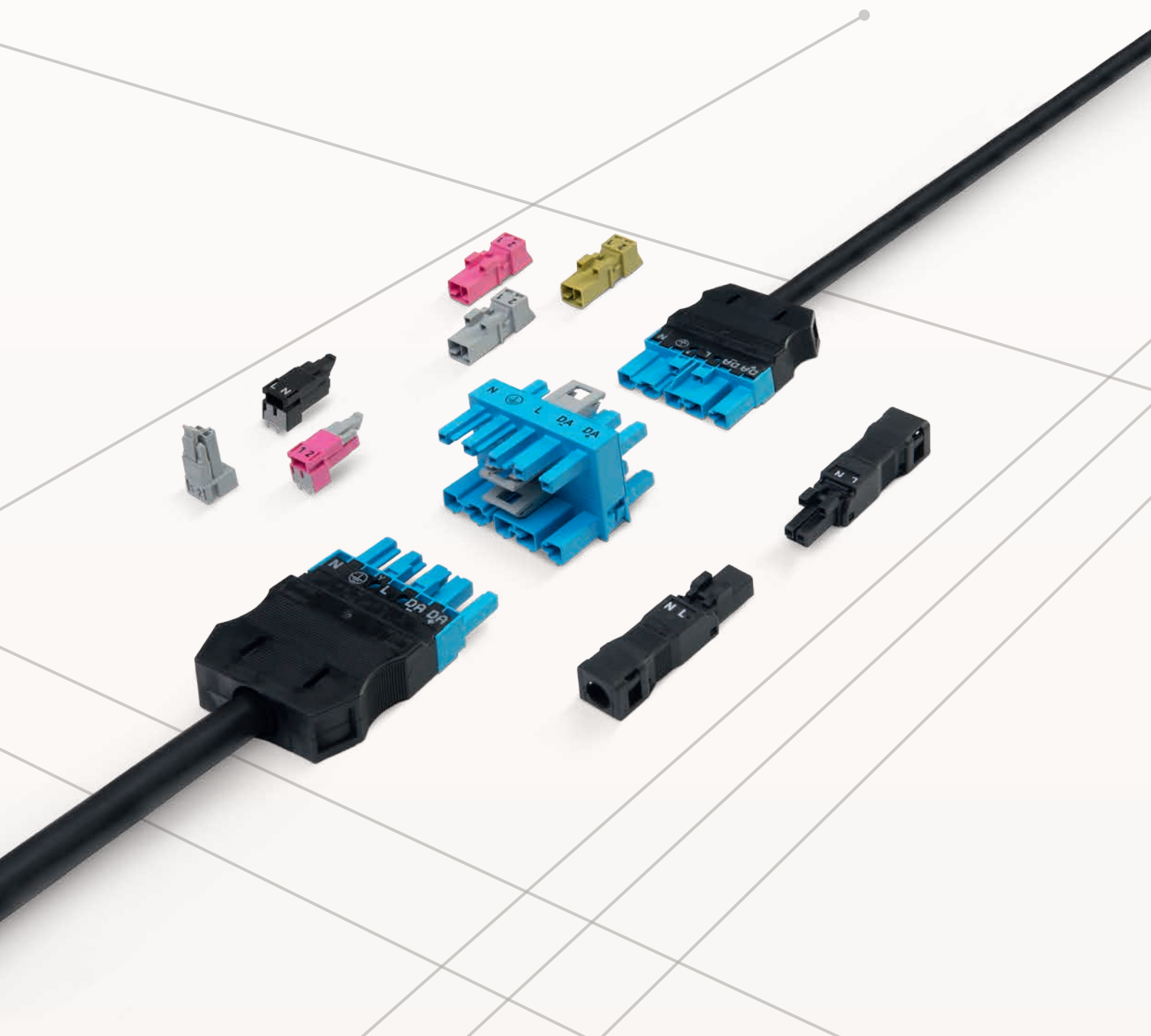


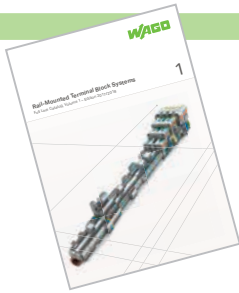
WINSTA® – The Pluggable Connection System

Full Line Catalog, Volume 5 – Edition 2017/2018

5



WAGO Full Line Catalogs



Volume 1, Rail-Mounted Terminal Block Systems

- Rail-Mounted Terminal Blocks
- Rail-Mounted Terminal Blocks with Pluggable Connector (X-COM®-SYSTEM)
- Patchboard Systems
- Terminal Strips
- PUSH WIRE® Connectors for Junction Boxes
- Lighting Connectors
- Shield Connecting System



Volume 2, PCB Terminal Blocks and Connectors

- PCB Terminal Blocks
- SMD PCB Terminal Blocks
- *MULTI CONNECTION SYSTEM (MCS)*
- Pluggable PCB Terminal Blocks
- Feedthrough Terminal Blocks
- Specialty Connectors
- Empty Housings



Volume 3, Automation Technology

- Software
- Operating & Monitoring
- Controllers
- Modular I/O-SYSTEM, IP20/IP67
- Industrial Switches
- Radio Technology, *TO-PASS®* Telecontrol Technology
- IP67 Sensor/Actuator Boxes, IP67 Cables and Connectors



Volume 4, Interface Electronic

- Relay and Optocoupler Modules
- *JUMPFLEX®* Signal Conditioners and Isolation Amplifiers
- Current and Energy Measurement Technology
- *EPSITRON®* Power Supply System
- Interface Modules and System Wiring
- Overvoltage Protection
- Empty Housings



Volume 5, *WINSTA®* – The Pluggable Connection System

- Pluggable Connectors
- Snap-In Device Connectors
- Pluggable PCB Connectors
- Distribution Connectors
- Cable Assemblies
- Flat Cable Systems
- Distribution Boxes



Volume 6, Marking

- Terminal Block Marking
- Cable and Conductor Marking
- Device Marking
- Printer
- Software
- Marker Carriers

Volume 5, WINSTA® – The Pluggable Connection System

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	WINSTA® MINI special , 890/891 Series, 2- to 5-Pole Pluggable connectors, snap-in device connectors, pluggable PCB connectors, distribution connectors, cable assemblies	1.5 mm ² (16 AWG), 16 A	60
	WINSTA® MIDI , 770/771 Series, 2- to 7-Pole Linect® T-connectors, pluggable connectors, snap-in device connectors, pluggable PCB connectors, distribution connectors, cable assemblies	4 mm ² (12 AWG), 25 A 	96
	WINSTA® MIDI special , 770/771 Series, 2- to 5-Pole Pluggable connectors, snap-in device connectors, pluggable PCB connectors, distribution connectors, cable assemblies	4 mm ² (12 AWG), 25 A	204
	WINSTA® Specialty Cable Assemblies Cable assemblies for specialty applications		240
	WINSTA® MAXI , 831 Series, 5-Pole Pluggable connectors	6 mm ² (8 AWG), 35 A	248
	WINSTA® RD , 774 Series, 3- and 4-Pole Cable assemblies	2.5 mm ² (14 AWG), 20 A	254
	WINSTA® KNX , 893/894 Series, 2-Pole Pluggable connectors, snap-in device connectors, distribution connectors, cable assemblies	0.8 mm Ø, 3 A	270
	WINSTA® IDC , 772/893/895/896/897 Series Supply and tap-off modules, flat cables	16 mm ² (6 AWG), 76 A	280
	WINSTA® Boxes , 899 Series Distribution boxes	2.5/4/6 mm ² (14/12/8 AWG), 20/25/35 A	304
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Operating WAGO Connection Technologies

Please follow the applicable product-specific termination instructions.

PUSH-IN CAGE CLAMP®



Push-in CAGE CLAMP® terminates the following copper conductors:
solid



stranded



fine-stranded,
also with tinned
single strands



fine-stranded,
tip-bonded



fine-stranded,
with ferrule
(gastight crimped)



fine-stranded,
with pin terminal
(gastight crimped)

The universal connection with an additional advantage:

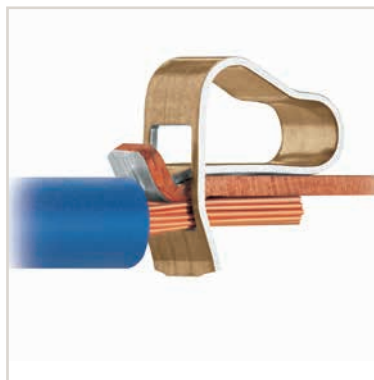
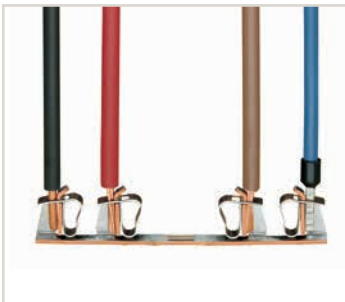
Push-in termination

Terminate solid and stranded, as well as ferruled conductors, by simply pushing them in – no tools required.

Termination for all conductor types:

- Open clamping unit.
- Insert the conductor.
- Release clamp – done!

CAGE CLAMP®



CAGE CLAMP® terminates the following copper conductors:
solid



stranded



fine-stranded,
also with tinned
single strands



fine-stranded,
tip-bonded



fine-stranded,
with ferrule
(gastight crimped)



fine-stranded,
with pin terminal
(gastight crimped)

The universal connection for solid, stranded and fine-stranded conductors

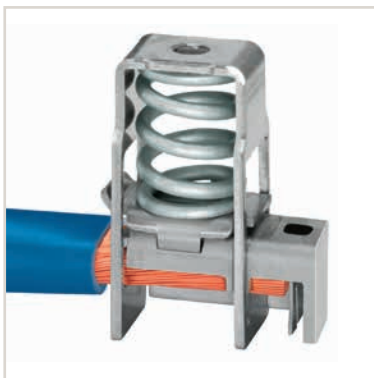
Termination:

- Open clamping unit.
- Insert the conductor.
- Release clamp – done!

Operating WAGO Connection Technologies

Please follow the applicable product-specific termination instructions.

POWER CAGE CLAMP®



POWER CAGE CLAMP terminates the following copper conductors: solid



stranded



fine-stranded, also with tinned single strands



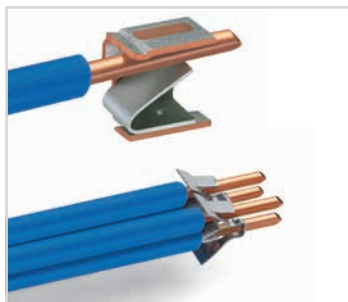
fine-stranded, with ferrule (gastight crimped)

The universal connection for conductors larger than 35 mm² (2 AWG)

Termination:

- Open clamp by turning a T-wrench counter-clockwise.
- Press the integrated latch to open clamping unit for hands-free wiring.
- Insert the conductor.
- A small counter-clockwise rotation closes the clamp, securing conductor.

PUSH WIRE®



PUSH WIRE® terminates the following copper conductors: solid

PUSH WIRE® connection for solid and stranded conductors (depending on the model used)

Termination:

Tool-free, twist-free terminations for solid and rigid stranded conductors – simply push into the unit.

WINSTA® – A Complete Series Perfects the System

The WINSTA® Pluggable Connection System

is the electrical interface that links power supply and distribution to electrical loads (e.g., lights) and encompasses data processing (bus lines in building automation).

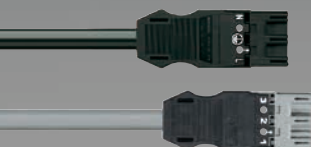
WINSTA® MAXI



WINSTA® MINI/ WINSTA® MINI special



WINSTA® MIDI/ WINSTA® MIDI special



WINSTA® RD





WINSTA® MIDI & Linect®

By interconnecting all electrical components, *WINSTA*® endows modern buildings with high levels of flexibility and durability that readily satisfy stringent norms and standards.

The *WINSTA*® system offers connections for virtually any building requirement from power supply to bus lines. Each unique *WINSTA*® model has been specifically developed to satisfy pole requirements, installation restrictions and current-carrying capacities.

Each model line contains both individual components (e.g., plugs, sockets, h-distribution connectors, T-distribution connectors, distribution boxes) and cable assemblies in standardized construction industry lengths.

The 2- to 7-pole *WINSTA*® components are packaged upon order and provided on-site to customers.

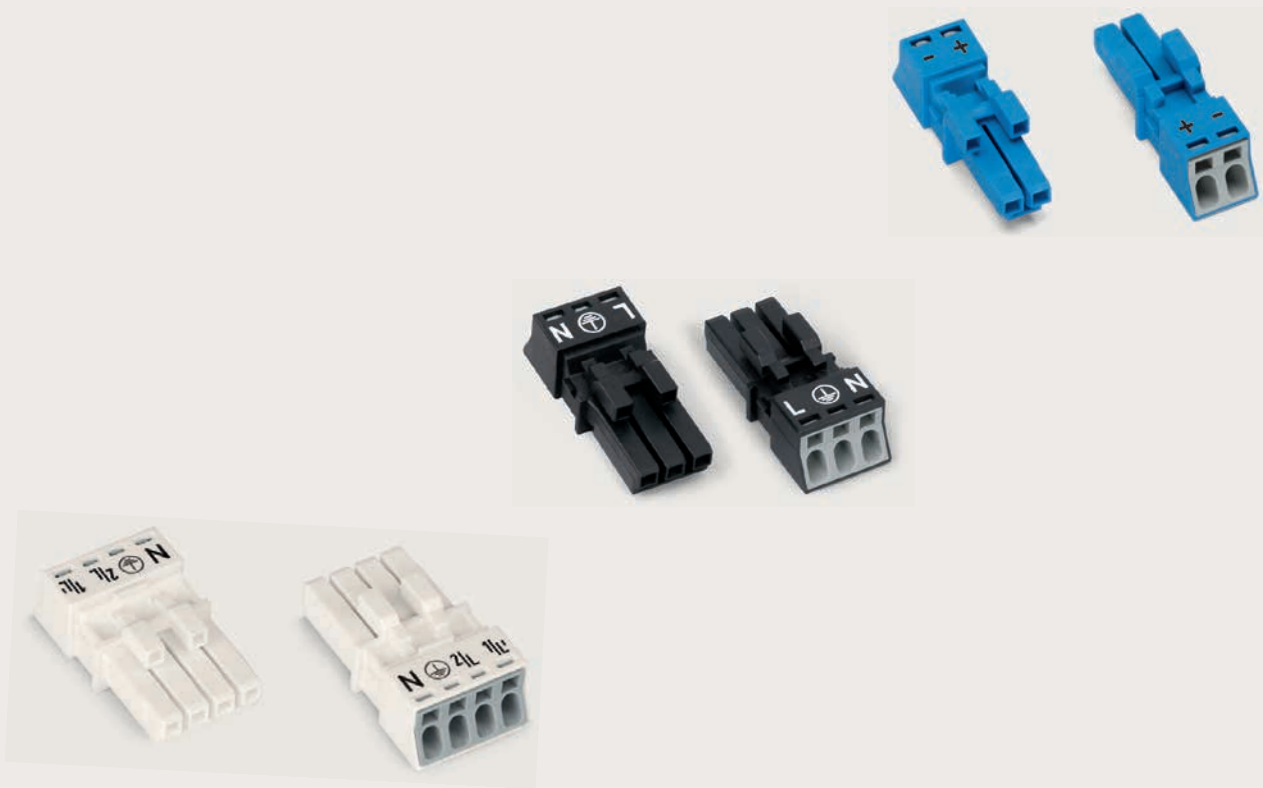
Comprehensive WAGO project support:

WAGO offers consulting and project planning services to help devise the best possible solution for your project. Our experienced team of professionals will gladly help you implement your project with our products.

Contact your regional WAGO representative or office.

WINSTA® KNX

WINSTA® IDC



WINSTA® MINI

WINSTA® MINI

1.5 mm² / 16 A

890 / 891 Series

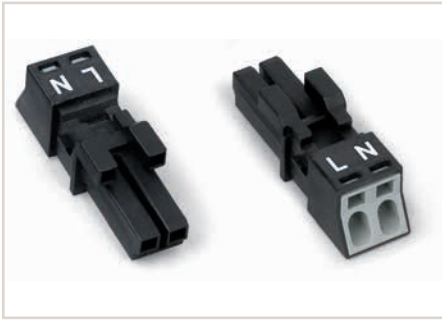
- Note:**
- Installation connectors are designed for connection and disconnection while not under load.
 - There is no hazard-inducing interchangeability with systems based on IEC 60309, IEC 60320, IEC 60906 and with national connector and socket systems.
 - Compliance with the standards (IEC 61535) does not guarantee hazard-preventing, non-interchangeability with installation connector systems from various manufacturers.
 - Installation connector systems are not a substitute for residential connector/socket systems.

	Page
	Pluggable Connectors, 890 Series 2-pole 12 3-pole 26 4-pole 38 5-pole 48
	Strain Relief Housings, 890 Series 2-pole 14 3-pole 28 4-pole 40 5-pole 50
	Snap-In Device Connectors, 890 Series 2-pole 15 3-pole 29 4-pole 41 5-pole 51
	Pluggable PCB Connectors, 890 Series 2-pole 16 3-pole 30 4-pole 42 5-pole 52
	Distribution Connectors, 890 Series 2-pole 18 3-pole 32 4-pole 44 5-pole 54
	Cable Assemblies, 891 Series 2-pole 20 3-pole 34 4-pole 46 5-pole 56

WINSTA® MINI

Technical Data, 2- to 5-Pole

890 / 891 Series



Connection Data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.25 ... 1.5 mm² / 22 ... 16 AWG
Solid conductor, push-in termination	0.75 ... 1.5 mm² / 20 ... 16 AWG
Stranded conductor	0.25 ... 1 mm² / 22 ... 18 AWG
Fine-stranded conductor	0.25 ... 1.5 mm² / 22 ... 16 AWG
Fine-stranded conductor with uninsulated ferrule	0.25 ... 1 mm² / 22 ... 18 AWG
Fine-stranded conductor with insulated ferrule	0.25 ... 0.75 mm² / 22 ... 20 AWG
Strip length	9 mm / 0.35 inch (see also packaging or instructions)

Electrical Data

Rated voltage (III / 3)	
2-pole	250 V
3-pole	250 V
4-pole	400 V (250 V for PCB terminal blocks)
5-pole	400 V (250 V for PCB terminal blocks)
Rated surge voltage (III / 3)	
2-pole	4 kV
3-pole	4 kV
4-pole	6 kV (4 kV for PCB terminal blocks)
5-pole	6 kV (4 kV for PCB terminal blocks)
Rated current	
2-pole	16 A
3-pole	16 A 13 A for 3-pole load
4-pole	16 A 13 A for 3-pole load 10 A for 4-pole load
5-pole	16 A 13 A for 3-pole load 10 A for 4- and 5-pole load
Clearances and Creepage Distances	≥ 5.5 mm with strain relief ≥ 6.5 mm to exposed surfaces (Protection Category II)
Contact resistance	approx. 1 mΩ contact resistance approx. 0.25 mΩ contact transition socket / plug
Number of potentials	
2-pole	2
3-pole	3
4-pole	4
5-pole	5
Number of connection points	
2-pole	2
3-pole	3
4-pole	4
5-pole	5

Mechanical Data

Mating cycles	200, without resistive load 100, with resistive load $I_N = 16$ A (1.5 mm²)
Mating forces	20 ... 70 N (depending on pole number)
Unmating forces	20 ... 70 N (depending on pole number) when unlocked
Retention forces	> 80 N (locked)
Cable diameter	
2-pole	3.8 ... 8.2 mm
3-pole	4.5 ... 10 mm
4-pole	6.5 ... 10.5 mm
5-pole	6.5 ... 10.5 mm
Protection type	IP2xC (with strain relief housing) Note: These compact connectors are not designed for use in open, easily accessible areas.
Processing temperature	-5 ... +40 °C

890 / 891 Series Accessories,
see page 340

Approvals,
see www.wago.com

Codings,
see page 360

Mechanical Data (Continued)

Continuous operating temperature	-35 ... ≤ +85 °C PVC cable ≤ +70 °C (incl. halogen-free) Insulating parts ≤ +105 °C
Ground contact	First make/last break

Mismatching Protection

All WINSTA® components are 100 % protected against mismatching when:

- Plugging different number of poles
- Plugging when rotated by 180°
- Plugging when laterally staggered
- Plugging one pole

Locking Levers

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

Material Data

Insulating parts	Polyamide (PA 66), halogen-free
Contacts	Copper or copper alloy, surface-treated
Clamping spring	Stainless steel (Cr-Ni)
Flammability class (per UL 94)	V0

Standards/Approvals

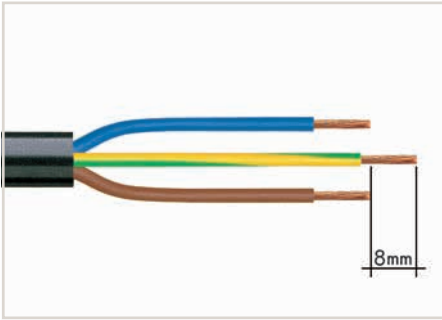
- UL (Depending on end-product standard, it may be necessary to use UL-approved cables with an appropriate AWG range. These cables are available upon request.)
- CCA certificate
- IEC 61984
- LR
- GL
- DNV

WINSTA® MINI

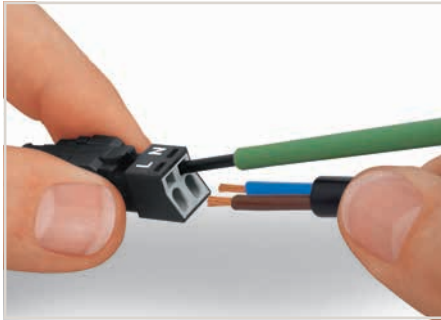
Installation

890 / 891 Series

1



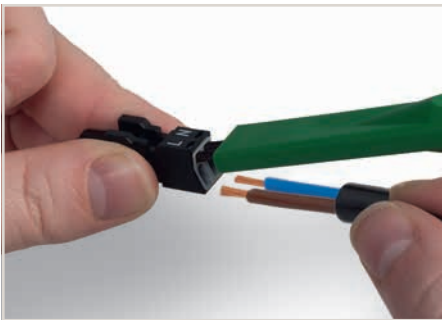
1. Strip length, outer insulation = x mm ❶
2. Strip length = 9 mm
3. Extended ground conductor = 8 mm



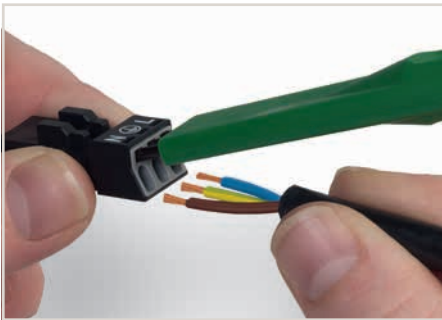
To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert a stripped conductor until it hits backstop. Terminate solid conductors by simply pushing them in.



Latch wired connector onto the base of the strain relief housing.



To terminate fine-stranded conductors, open clamping units via operating tool (890-382) and insert stripped conductors until they hit backstop. Terminate solid conductors by simply pushing them in.



To terminate fine-stranded conductors, open clamping units via operating tool (890-383) and insert stripped conductors until they hit backstop. Terminate solid conductors by simply pushing them in.



Connector with shield termination



Apply the shield to the rubber cable.
Strip length, outer insulation = 30 mm
Shield length = 8 mm



Push the shield connecting plate into the connector until fully inserted.

❶ Strip length, outer insulation: 2-pole = 30 mm, 3-pole = 37 mm, 4- and 5-pole = 45 mm



Push down strain relief clamp by hand.



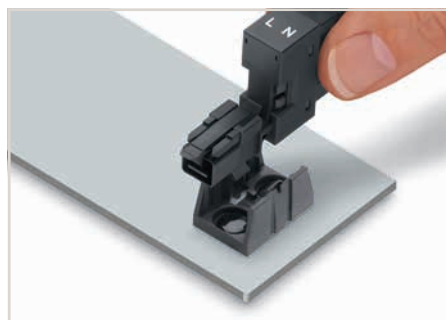
Push down strain relief clamp via 2.5 mm screwdriver alternately on both sides.



Latch the top of the strain relief housing.



Secure the mounting plate via pins.



The distribution connectors snap together when attached to the mounting plate.



First insert wired connector into strain relief housing, then snap the clamp and cover.



All connectors for fixed installations (snap-in versions, pluggable PCB connectors, distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).



The printed marking of the connector is clearly visible in the openings of the strain relief housing.

WINSTA® MINI

Sockets and Plugs, 2-Pole

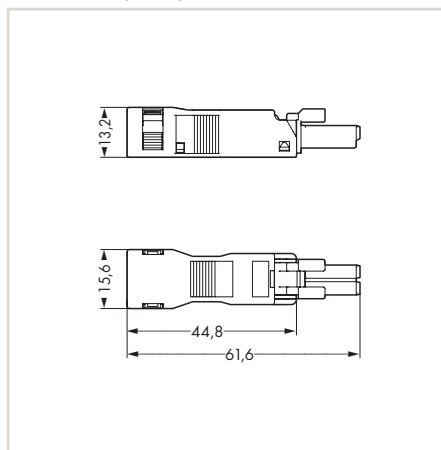
890 Series

1

Conductor range	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Socket,
with strain relief housing,
for 3.8 ... 8.2 mm cable diameter,
30 mm strip length

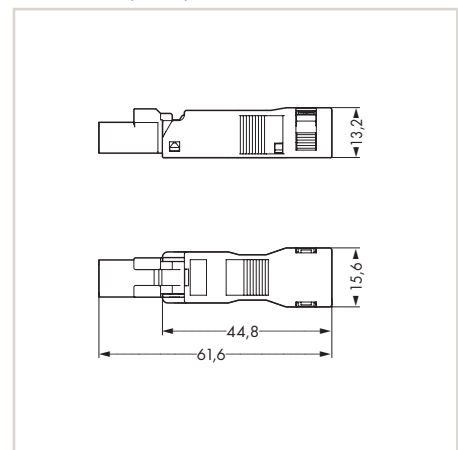
Color	Item No.	Pack. Unit
● black	890-102	50
○ white	890-122	50

Socket,
with short strain relief housing,
for 3.8 ... 8.2 mm cable diameter,
17.5 mm strip length

Color	Item No.	Pack. Unit
● black	890-102/342-000	50



Dimensions (in mm):



Plug,
with strain relief housing,
for 3.8 ... 8.2 mm cable diameter,
30 mm strip length

Color	Item No.	Pack. Unit
● black	890-112	50
○ white	890-132	50

Plug,
with short strain relief housing,
for 3.8 ... 8.2 mm cable diameter,
17.5 mm strip length

Color	Item No.	Pack. Unit
● black	890-112/342-000	50

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

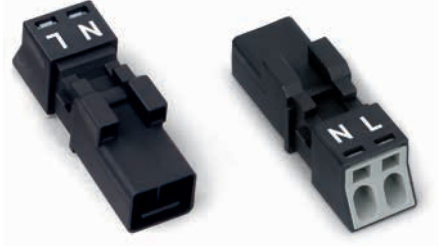
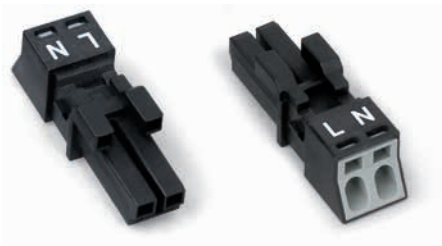
890 Series Accessories,
see page 340

Approvals,
see www.wago.com

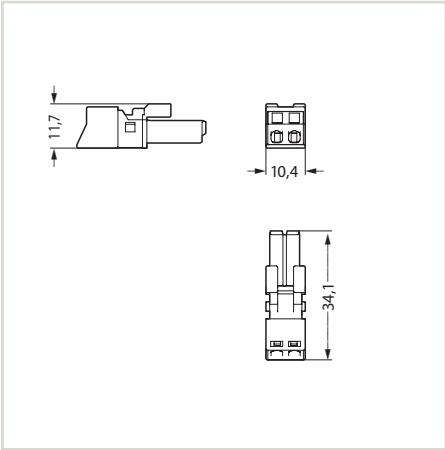
Coding Overview,
see page 360

Coding	Marking	Color
A	L N	● black
A	L N	○ white

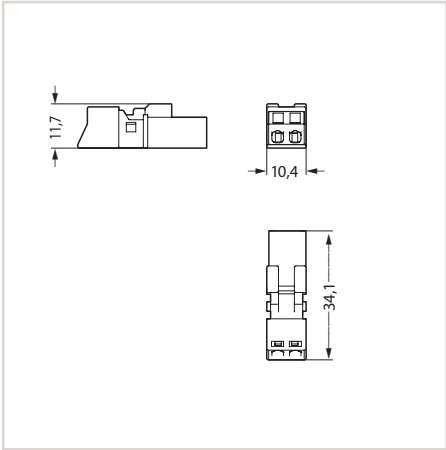
Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
● black	890-202	50
○ white	890-222	50
● blue	890-1102	50

Plug, without strain relief housing		
Color	Item No.	Pack. Unit
● black	890-212	50
○ white	890-232	50
● blue	890-1112	50

Coding	Marking	Color
A	L N	● black
A	L N	○ white
I	+ -	● blue

WINSTA® MINI

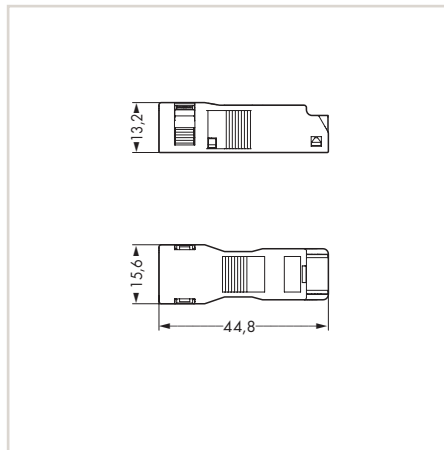
Strain Relief Housings, 2-Pole

890 Series

1



Dimensions (in mm):

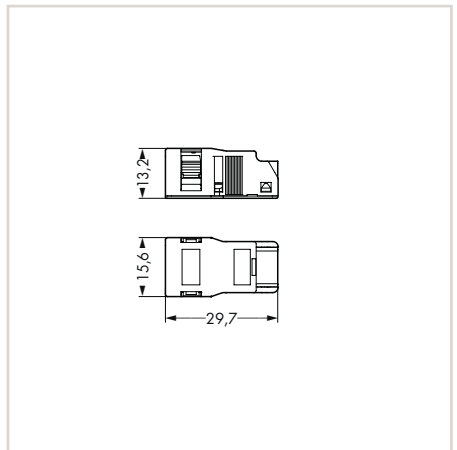


Strain relief housing,
for 3.8 ... 8.2 mm cable diameter,
30 mm strip length

Color	Item No.	Pack. Unit
black	890-502	50
white	890-512	50



Dimensions (in mm):



Strain relief housing, short,
for 3.8 ... 8.2 mm cable diameter,
17.5 mm strip length

Color	Item No.	Pack. Unit
black	890-502/342-000	50
white	890-512/342-000	50

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

 890 Series Accessories,
see page 340

 Approvals,
see www.wago.com

 Coding Overview,
see page 360

WINSTA® MINI

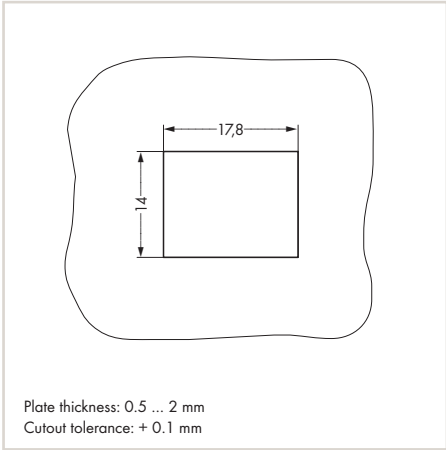
Snap-In Sockets and Plugs, 2-Pole

890 Series

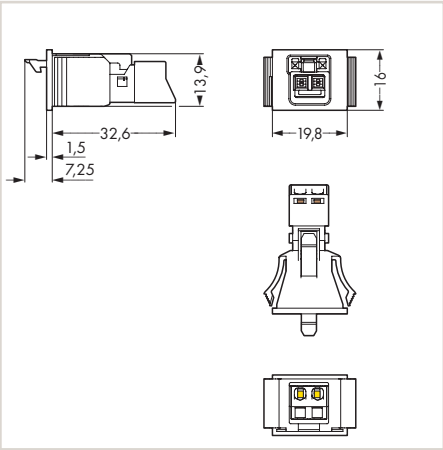
Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch



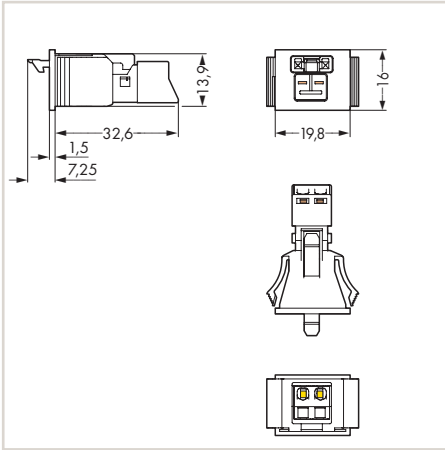
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket		
Color	Item No.	Pack. Unit
● black	890-702	50
○ white	890-722	50
● blue	890-2102	50

Plug		
Color	Item No.	Pack. Unit
● black	890-712	50
○ white	890-732	50
● blue	890-2112	50

Coding	Marking	Color
A	L N	● black
A	L N	○ white
I	+ -	● blue

WINSTA® MINI

Pluggable PCB Connectors, 2-Pole

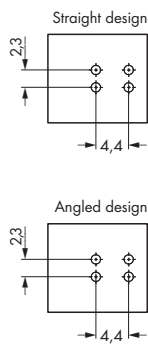
890 Series

Rated voltage
Rated current

250 V
16 A

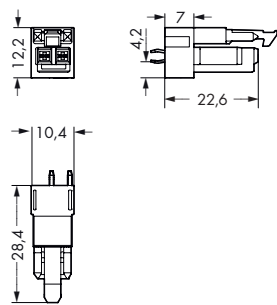


Dimensions (in mm):

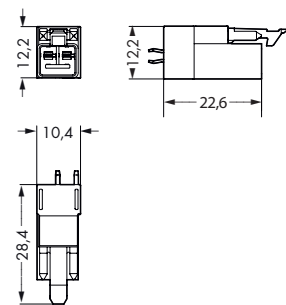


Drilled hole diameter: $1.3^{+0.1}_{-0}$ mm

Dimensions (in mm):



Dimensions (in mm):



Socket, straight

Color	Item No.	Pack. Unit
● black	890-802	100
○ white	890-822	100
● blue	890-3102	100

Plug, straight

Color	Item No.	Pack. Unit
● black	890-812	100
○ white	890-832	100
● blue	890-3112	100

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories, see page 340

Approvals, see www.wago.com

Coding Overview, see page 360

Coding

A
A
I

Marking

L N
L N
+ -

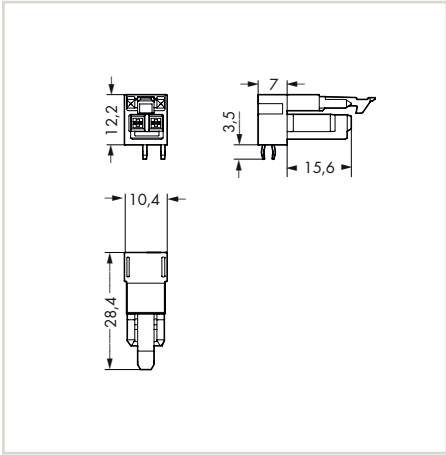
Color

● black
○ white
● blue

Rated voltage	250 V
Rated current	16 A



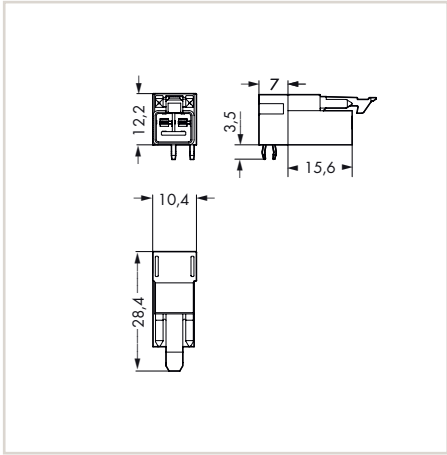
Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
● black	890-802/011-000	100
○ white	890-822/011-000	100
● blue	890-3102/011-000	100



Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
● black	890-812/011-000	100
○ white	890-832/011-000	100
● blue	890-3112/011-000	100

Coding	Marking	Color
A	L N	● black
A	L N	○ white
I	+ -	● blue

WINSTA® MINI

Distribution Connectors, 2-Pole

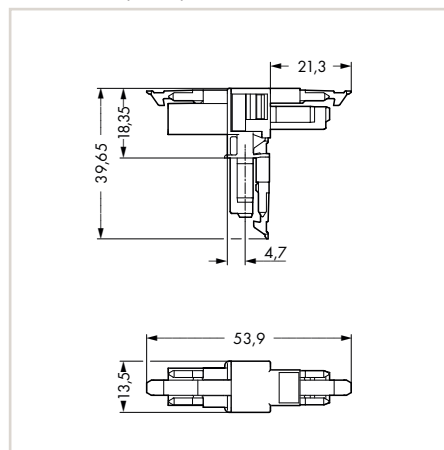
890 Series

1

Rated voltage	250 V
Rated current	16 A



Dimensions (in mm):

T-distribution connector,
1 x plug/2 x socket

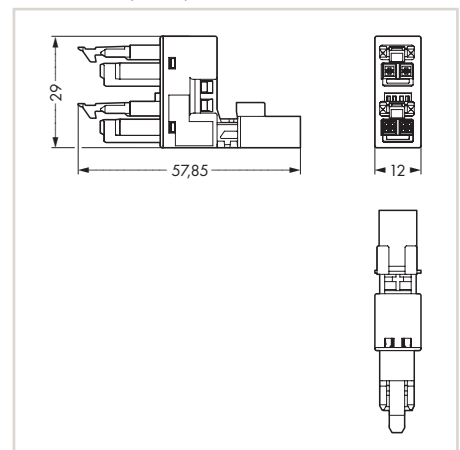
Color	Item No.	Pack. Unit
● black	890-1606	25
○ white	890-1656	25
● blue	890-1617	25

T-distribution connector,
1 x plug/2 x socket,
for "flying leads,"
with 3rd locking lever

Color	Item No.	Pack. Unit
● black	890-1615	25
○ white	890-1665	25
● blue	890-1620	25



Dimensions (in mm):

h-distribution connector, unidirectional,
plug/socket – socket

Color	Item No.	Pack. Unit
● black	890-1634	50
○ white	890-1684	50

h-distribution connector, unidirectional,
plug/socket – socket,
for "flying leads,"
with 3rd locking lever

Color	Item No.	Pack. Unit
● black	890-1636	50
○ white	890-1686	50

890 Series Accessories,
see page 340

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding	Marking	Color
A	L N	● black
A	L N	○ white
I	+ -	● blue

WINSTA® MINI

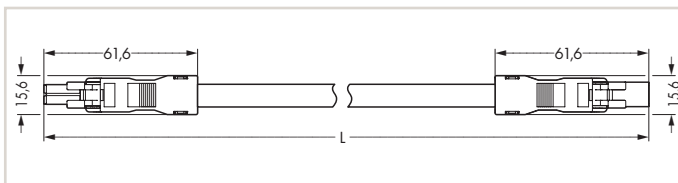
Cable Assemblies, 2 x 1 mm², PVC

891 Series

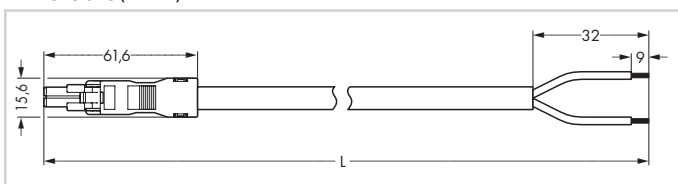
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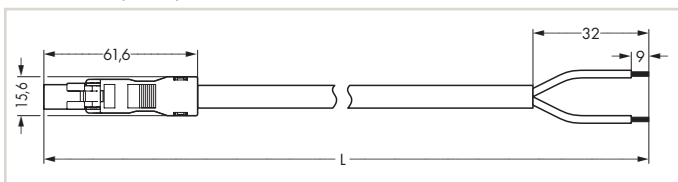
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8992/005-101	891-8992/005-102	1
2 m	891-8992/005-201	891-8992/005-202	1
3 m	891-8992/005-301	891-8992/005-302	1
4 m	891-8992/005-401	891-8992/005-402	1
5 m	891-8992/005-501	891-8992/005-502	1
6 m	891-8992/005-601	891-8992/005-602	1
7 m	891-8992/005-701	891-8992/005-702	1
8 m	891-8992/005-801	891-8992/005-802	1

Connecting cable,
socket – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8992/105-101	891-8992/105-102	1
2 m	891-8992/105-201	891-8992/105-202	1
3 m	891-8992/105-301	891-8992/105-302	1
4 m	891-8992/105-401	891-8992/105-402	1
5 m	891-8992/105-501	891-8992/105-502	1
6 m	891-8992/105-601	891-8992/105-602	1
7 m	891-8992/105-701	891-8992/105-702	1
8 m	891-8992/105-801	891-8992/105-802	1

Connecting cable,
plug – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8992/205-101	891-8992/205-102	1
2 m	891-8992/205-201	891-8992/205-202	1
3 m	891-8992/205-301	891-8992/205-302	1
4 m	891-8992/205-401	891-8992/205-402	1
5 m	891-8992/205-501	891-8992/205-502	1
6 m	891-8992/205-601	891-8992/205-602	1
7 m	891-8992/205-701	891-8992/205-702	1
8 m	891-8992/205-801	891-8992/205-802	1

Additional cable lengths available upon request.

 891 Series Accessories,
see page 340

 Approvals,
see www.wago.com

 Coding Overview,
see page 360

Coding

A

A

Marking

L N

L N

Color

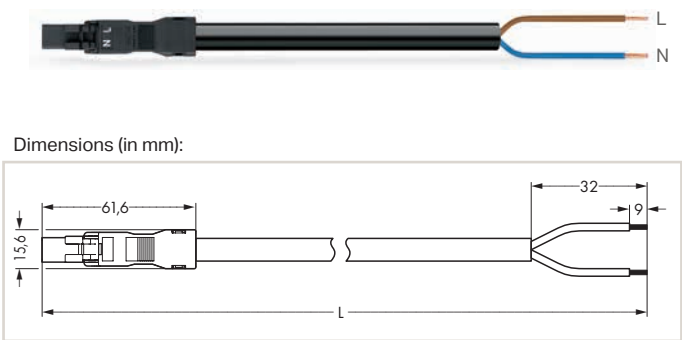
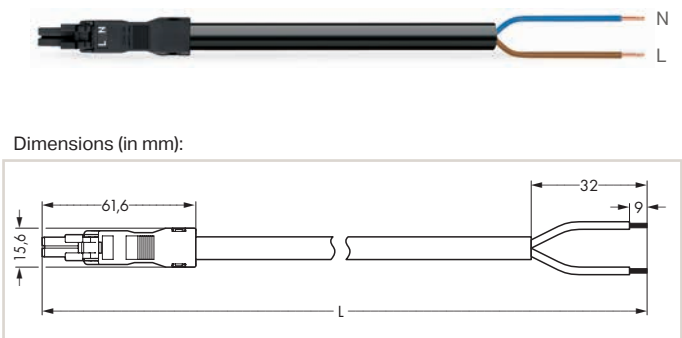
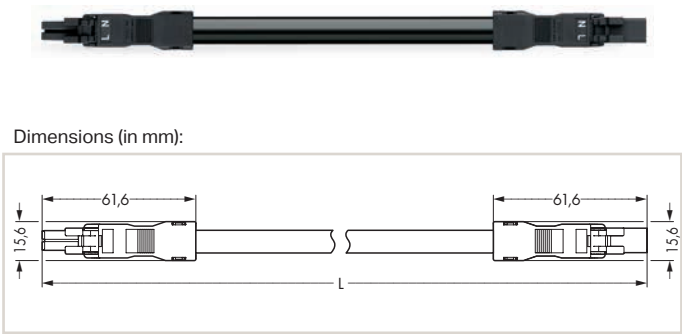
● black

○ white

WINSTA® MINI

Cable Assemblies, 2 x 1 mm², Halogen-Free

891 Series



Rated voltage	250 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8992/015-101	891-8992/015-102	1
2 m	891-8992/015-201	891-8992/015-202	1
3 m	891-8992/015-301	891-8992/015-302	1
4 m	891-8992/015-401	891-8992/015-402	1
5 m	891-8992/015-501	891-8992/015-502	1
6 m	891-8992/015-601	891-8992/015-602	1
7 m	891-8992/015-701	891-8992/015-702	1
8 m	891-8992/015-801	891-8992/015-802	1

Connecting cable, socket – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8992/115-101	891-8992/115-102	1
2 m	891-8992/115-201	891-8992/115-202	1
3 m	891-8992/115-301	891-8992/115-302	1
4 m	891-8992/115-401	891-8992/115-402	1
5 m	891-8992/115-501	891-8992/115-502	1
6 m	891-8992/115-601	891-8992/115-602	1
7 m	891-8992/115-701	891-8992/115-702	1
8 m	891-8992/115-801	891-8992/115-802	1

Connecting cable, plug – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8992/215-101	891-8992/215-102	1
2 m	891-8992/215-201	891-8992/215-202	1
3 m	891-8992/215-301	891-8992/215-302	1
4 m	891-8992/215-401	891-8992/215-402	1
5 m	891-8992/215-501	891-8992/215-502	1
6 m	891-8992/215-601	891-8992/215-602	1
7 m	891-8992/215-701	891-8992/215-702	1
8 m	891-8992/215-801	891-8992/215-802	1

Coding	Marking	Color
A	L N	● black
A	L N	○ white

WINSTA® MINI

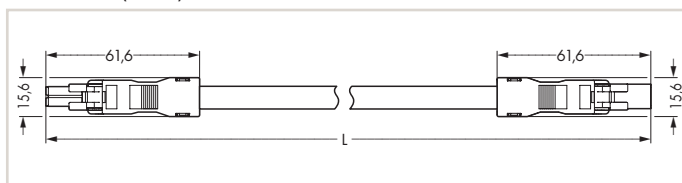
Cable Assemblies, 2 x 1.5 mm², PVC

891 Series

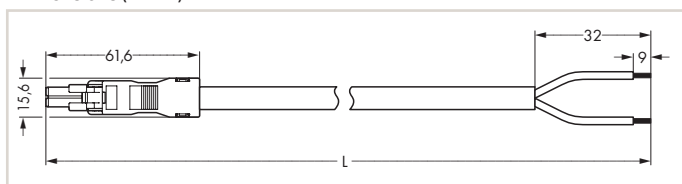
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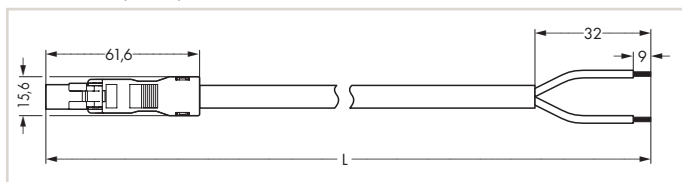
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8992/006-101	891-8992/006-102	1
2 m	891-8992/006-201	891-8992/006-202	1
3 m	891-8992/006-301	891-8992/006-302	1
4 m	891-8992/006-401	891-8992/006-402	1
5 m	891-8992/006-501	891-8992/006-502	1
6 m	891-8992/006-601	891-8992/006-602	1
7 m	891-8992/006-701	891-8992/006-702	1
8 m	891-8992/006-801	891-8992/006-802	1

Connecting cable,
socket – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8992/106-101	891-8992/106-102	1
2 m	891-8992/106-201	891-8992/106-202	1
3 m	891-8992/106-301	891-8992/106-302	1
4 m	891-8992/106-401	891-8992/106-402	1
5 m	891-8992/106-501	891-8992/106-502	1
6 m	891-8992/106-601	891-8992/106-602	1
7 m	891-8992/106-701	891-8992/106-702	1
8 m	891-8992/106-801	891-8992/106-802	1

Connecting cable,
plug – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8992/206-101	891-8992/206-102	1
2 m	891-8992/206-201	891-8992/206-202	1
3 m	891-8992/206-301	891-8992/206-302	1
4 m	891-8992/206-401	891-8992/206-402	1
5 m	891-8992/206-501	891-8992/206-502	1
6 m	891-8992/206-601	891-8992/206-602	1
7 m	891-8992/206-701	891-8992/206-702	1
8 m	891-8992/206-801	891-8992/206-802	1

Additional cable lengths available upon request.

 891 Series Accessories,
see page 340

 Approvals,
see www.wago.com

 Coding Overview,
see page 360

Coding

A

A

Marking

L N

L N

Color

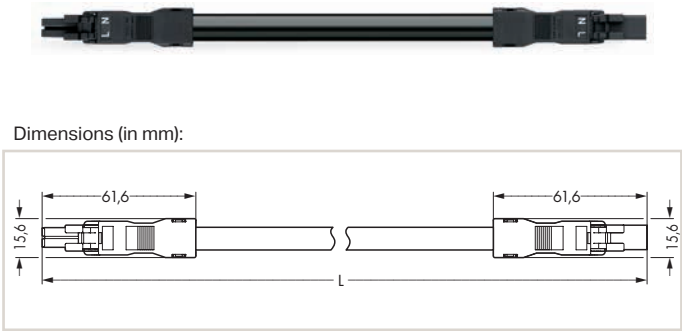
● black

○ white

WINSTA® MINI

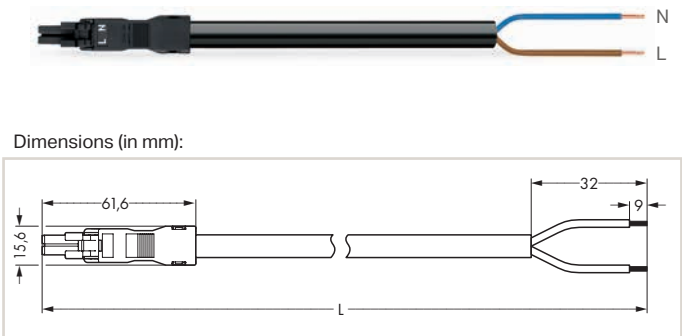
Cable Assemblies, 2 x 1.5 mm², Halogen-Free

891 Series

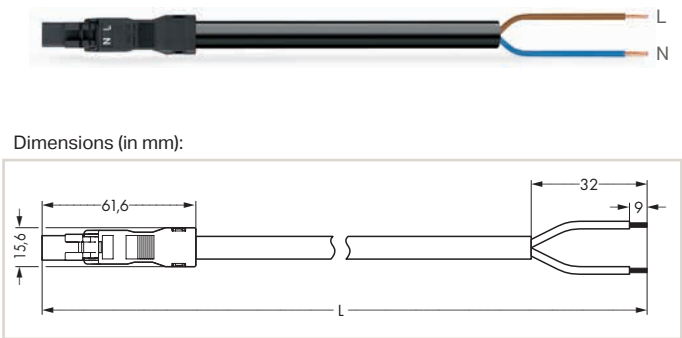


Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8992/016-101	891-8992/016-102	1
2 m	891-8992/016-201	891-8992/016-202	1
3 m	891-8992/016-301	891-8992/016-302	1
4 m	891-8992/016-401	891-8992/016-402	1
5 m	891-8992/016-501	891-8992/016-502	1
6 m	891-8992/016-601	891-8992/016-602	1
7 m	891-8992/016-701	891-8992/016-702	1
8 m	891-8992/016-801	891-8992/016-802	1



Connecting cable, socket – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8992/116-101	891-8992/116-102	1
2 m	891-8992/116-201	891-8992/116-202	1
3 m	891-8992/116-301	891-8992/116-302	1
4 m	891-8992/116-401	891-8992/116-402	1
5 m	891-8992/116-501	891-8992/116-502	1
6 m	891-8992/116-601	891-8992/116-602	1
7 m	891-8992/116-701	891-8992/116-702	1
8 m	891-8992/116-801	891-8992/116-802	1



Connecting cable, plug – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8992/216-101	891-8992/216-102	1
2 m	891-8992/216-201	891-8992/216-202	1
3 m	891-8992/216-301	891-8992/216-302	1
4 m	891-8992/216-401	891-8992/216-402	1
5 m	891-8992/216-501	891-8992/216-502	1
6 m	891-8992/216-601	891-8992/216-602	1
7 m	891-8992/216-701	891-8992/216-702	1
8 m	891-8992/216-801	891-8992/216-802	1

Coding	Marking	Color
A	L N	● black
A	L N	○ white

WINSTA® MINI

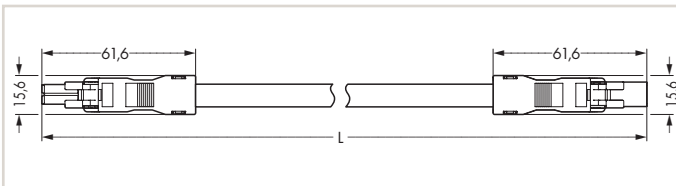
Cable Assemblies, 2 x 1.5 mm², PVC

891 Series

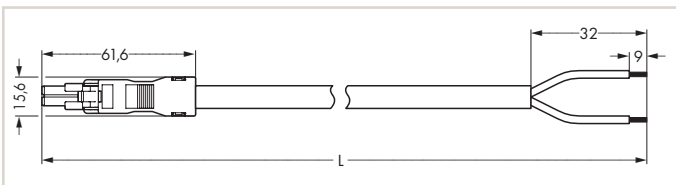
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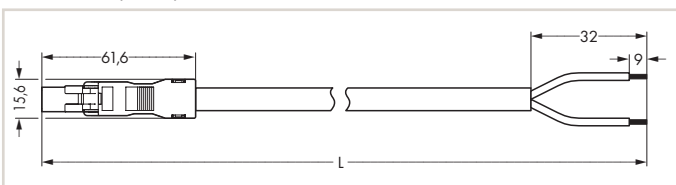
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, for dimming functions (e.g., DALI), PVC, coding I

Length	● black	○ white	Pack. Unit
1 m	891-8982/006-101	891-8982/006-102	1
2 m	891-8982/006-201	891-8982/006-202	1
3 m	891-8982/006-301	891-8982/006-302	1
4 m	891-8982/006-401	891-8982/006-402	1
5 m	891-8982/006-501	891-8982/006-502	1
6 m	891-8982/006-601	891-8982/006-602	1
7 m	891-8982/006-701	891-8982/006-702	1
8 m	891-8982/006-801	891-8982/006-802	1

Connecting cable,
socket – free end, for dimming functions (e.g., DALI), PVC, coding I

Length	● black	○ white	Pack. Unit
1 m	891-8982/106-101	891-8982/106-102	1
2 m	891-8982/106-201	891-8982/106-202	1
3 m	891-8982/106-301	891-8982/106-302	1
4 m	891-8982/106-401	891-8982/106-402	1
5 m	891-8982/106-501	891-8982/106-502	1
6 m	891-8982/106-601	891-8982/106-602	1
7 m	891-8982/106-701	891-8982/106-702	1
8 m	891-8982/106-801	891-8982/106-802	1

Connecting cable,
plug – free end, for dimming functions (e.g., DALI), PVC, coding I

Length	● black	○ white	Pack. Unit
1 m	891-8982/206-101	891-8982/206-102	1
2 m	891-8982/206-201	891-8982/206-202	1
3 m	891-8982/206-301	891-8982/206-302	1
4 m	891-8982/206-401	891-8982/206-402	1
5 m	891-8982/206-501	891-8982/206-502	1
6 m	891-8982/206-601	891-8982/206-602	1
7 m	891-8982/206-701	891-8982/206-702	1
8 m	891-8982/206-801	891-8982/206-802	1

Additional cable lengths available upon request.

891 Series Accessories,
see page 340

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

I

Marking

+ -

Color

● blue

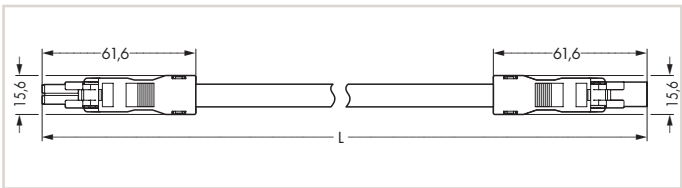
WINSTA® MINI

Cable Assemblies, 2 x 1.5 mm², Halogen-Free

891 Series

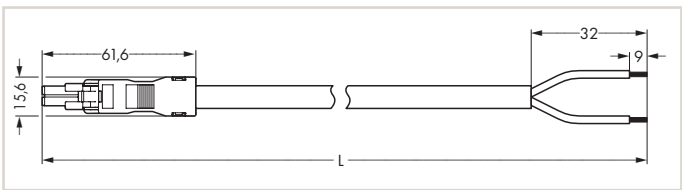


Dimensions (in mm):



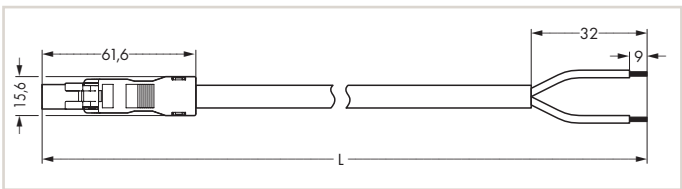


Dimensions (in mm):





Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, for dimming functions (e.g., DALI), halogen-free, coding I			
Length	● black	○ white	Pack. Unit
1 m	891-8982/016-101	891-8982/016-102	1
2 m	891-8982/016-201	891-8982/016-202	1
3 m	891-8982/016-301	891-8982/016-302	1
4 m	891-8982/016-401	891-8982/016-402	1
5 m	891-8982/016-501	891-8982/016-502	1
6 m	891-8982/016-601	891-8982/016-602	1
7 m	891-8982/016-701	891-8982/016-702	1
8 m	891-8982/016-801	891-8982/016-802	1

Connecting cable, socket – free end, for dimming functions (e.g., DALI), halogen-free, coding I			
Length	● black	○ white	Pack. Unit
1 m	891-8982/116-101	891-8982/116-102	1
2 m	891-8982/116-201	891-8982/116-202	1
3 m	891-8982/116-301	891-8982/116-302	1
4 m	891-8982/116-401	891-8982/116-402	1
5 m	891-8982/116-501	891-8982/116-502	1
6 m	891-8982/116-601	891-8982/116-602	1
7 m	891-8982/116-701	891-8982/116-702	1
8 m	891-8982/116-801	891-8982/116-802	1

Connecting cable, plug – free end, for dimming functions (e.g., DALI), halogen-free, coding I			
Length	● black	○ white	Pack. Unit
1 m	891-8982/216-101	891-8982/216-102	1
2 m	891-8982/216-201	891-8982/216-202	1
3 m	891-8982/216-301	891-8982/216-302	1
4 m	891-8982/216-401	891-8982/216-402	1
5 m	891-8982/216-501	891-8982/216-502	1
6 m	891-8982/216-601	891-8982/216-602	1
7 m	891-8982/216-701	891-8982/216-702	1
8 m	891-8982/216-801	891-8982/216-802	1

Coding	Marking	Color
I	+ -	● blue

WINSTA® MINI

Sockets and Plugs, 3-Pole

890 Series

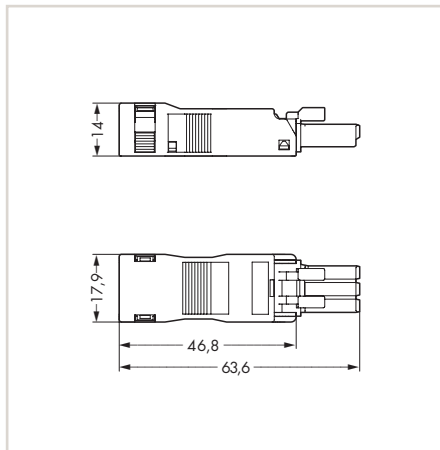
1

Conductor range
Rated voltage
Rated current
Strip length

0.25 ... 1.5 mm ² / 22 ... 16 AWG
250 V
16 A
9 mm / 0.35 inch



Dimensions (in mm):

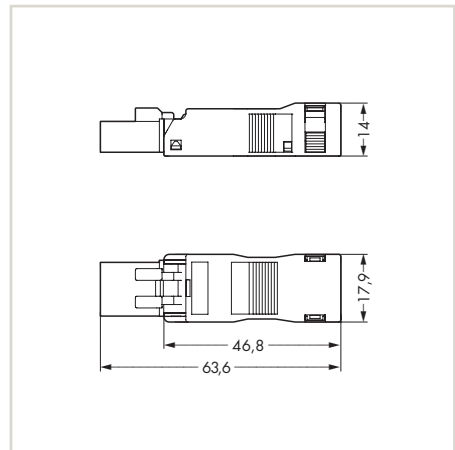


Socket,
with strain relief housing,
for 4.5 ... 10 mm cable diameter,
37 mm strip length

Color	Item No.	Pack. Unit
● black	890-103	50
○ white	890-123	50



Dimensions (in mm):



Plug,
with strain relief housing,
for 4.5 ... 10 mm cable diameter,
37 mm strip length

Color	Item No.	Pack. Unit
● black	890-113	50
○ white	890-133	50

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories,
see page 340

Approvals,
see www.wago.com

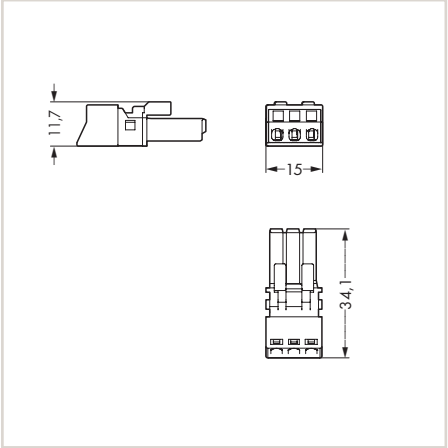
Coding Overview,
see page 360

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

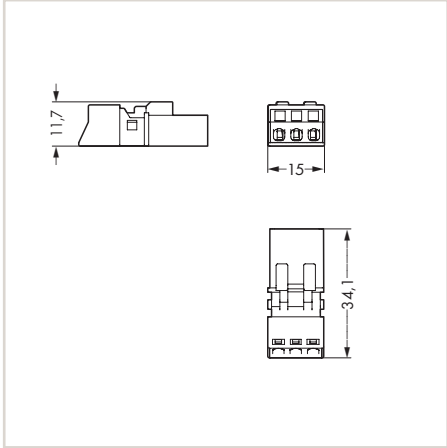
Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
● black	890-203	50
○ white	890-223	50

Plug, without strain relief housing		
Color	Item No.	Pack. Unit
● black	890-213	50
○ white	890-233	50

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MINI

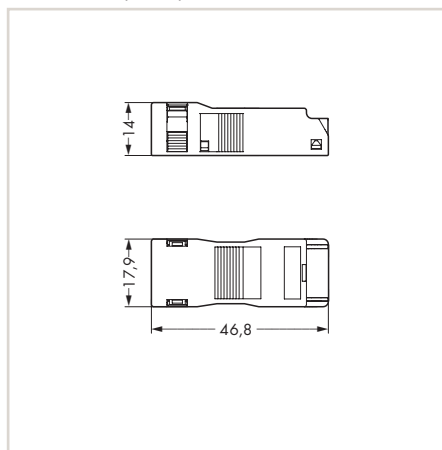
Strain Relief Housings, 3-Pole

890 Series

1



Dimensions (in mm):



Strain relief housing,
for 4.5 ... 10 mm cable diameter,
37 mm strip length

Color	Item No.	Pack. Unit
black	890-503	50
white	890-513	50

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

 890 Series Accessories,
see page 340

 Approvals,
see www.wago.com

 Coding Overview,
see page 360

WINSTA® MINI

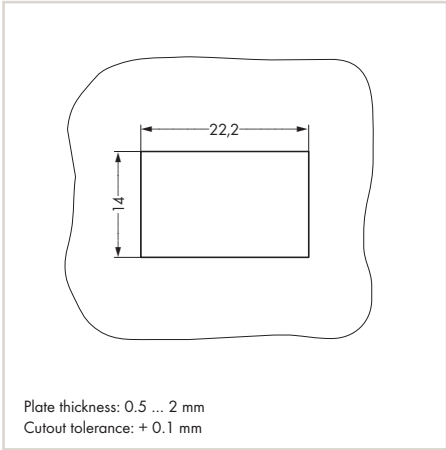
Snap-In Sockets and Plugs, 3-Pole

890 Series

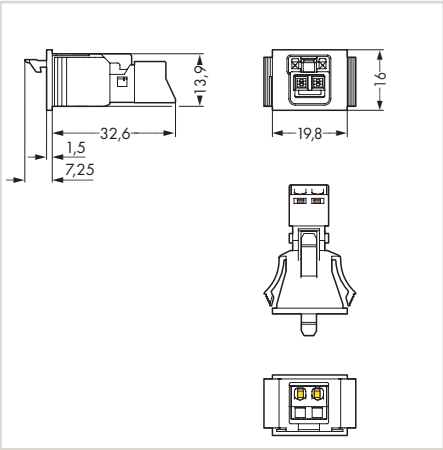
Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch



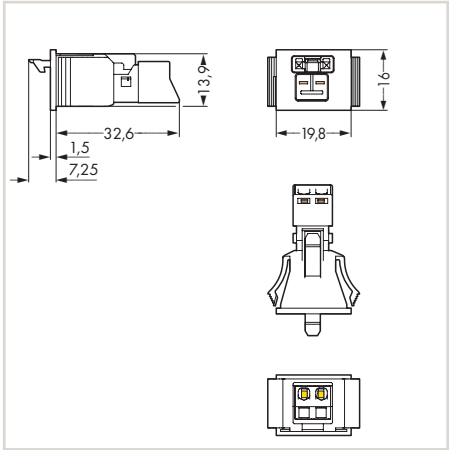
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket		
Color	Item No.	Pack. Unit
● black	890-703	50
○ white	890-723	50

Plug		
Color	Item No.	Pack. Unit
● black	890-713	50
○ white	890-733	50

Socket, without locking lever, for lighting installation with intermediate coupler		
Color	Item No.	Pack. Unit
● black	890-703/006-000	50
○ white	890-723/006-000	50

Plug, without locking lever, for lighting installation with intermediate coupler		
Color	Item No.	Pack. Unit
● black	890-713/006-000	50
○ white	890-733/006-000	50

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MINI

Pluggable PCB Connectors, 3-Pole

890 Series

Rated voltage

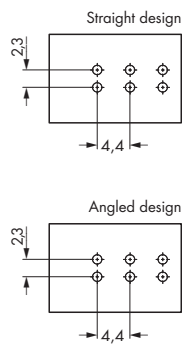
250 V

Rated current

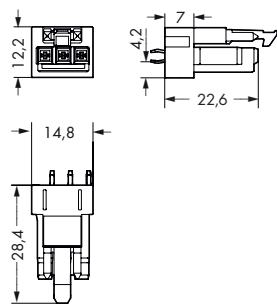
16 A



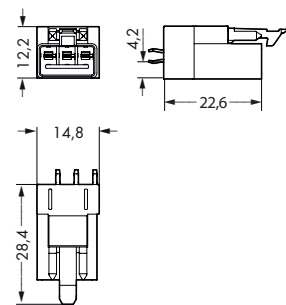
Dimensions (in mm):

Drilled hole diameter: 1,3^{+0,1} mm

Dimensions (in mm):



Dimensions (in mm):

**Socket, straight**

Color	Item No.	Pack. Unit
● black	890-803	100
○ white	890-823	100

Plug, straight

Color	Item No.	Pack. Unit
● black	890-813	100
○ white	890-833	100

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories, see page 340

Approvals, see www.wago.com

Coding Overview, see page 360

Coding

A

A

Marking

L ⊕ N

L ⊕ N

Color

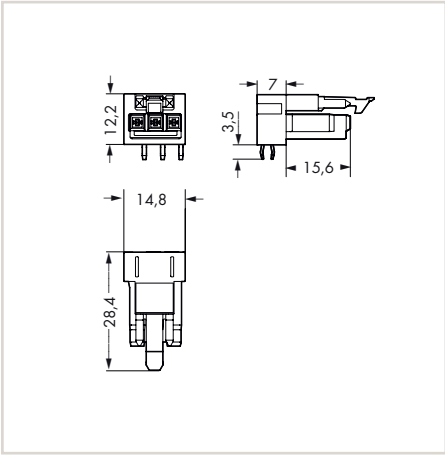
● black

○ white

Rated voltage	250 V
Rated current	16 A



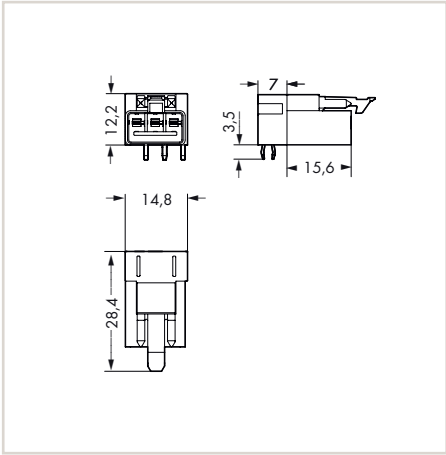
Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
● black	890-803/011-000	100
○ white	890-823/011-000	100



Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
● black	890-813/011-000	100
○ white	890-833/011-000	100

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MINI

Intermediate Couplers, 3-Pole

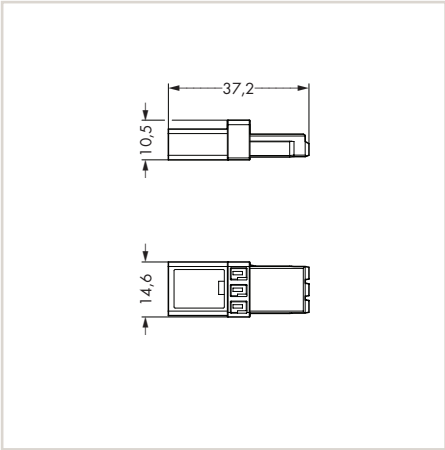
890 Series

1

Rated voltage	250 V
Rated current	16 A



Dimensions (in mm):



Intermediate coupler , 1 x plug/1 x socket		
Color	Item No.	Pack. Unit
● black	890-603	50
○ white	890-653	50

Note
At least one snap-in connector **without** a locking lever is required on one side when connecting two lights directly via intermediate coupler (see page 29).

890 Series Accessories, see page 340

Approvals, see www.wago.com

Coding Overview, see page 360

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MINI

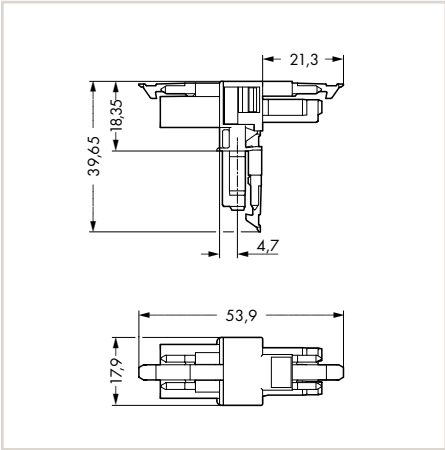
Distribution Connectors, 3-Pole

890 Series

Rated voltage	250 V
Rated current	16 A



Dimensions (in mm):

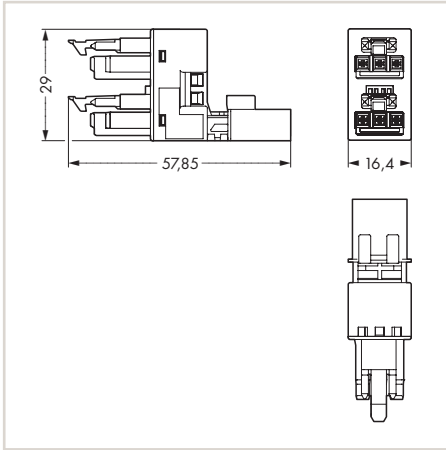


T-distribution connector, 1 x plug/2 x socket		
Color	Item No.	Pack. Unit
● black	890-606	25
○ white	890-656	25

T-distribution connector, 1 x plug/2 x socket, for "flying leads," with 3rd locking lever		
Color	Item No.	Pack. Unit
● black	890-615	25
○ white	890-665	25



Dimensions (in mm):



h-distribution connector, unidirectional, plug/socket – socket		
Color	Item No.	Pack. Unit
● black	890-634	50
○ white	890-684	50

h-distribution connector, unidirectional, plug/socket – socket, for "flying leads," with 3rd locking lever		
Color	Item No.	Pack. Unit
● black	890-636	50
○ white	890-686	50

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MINI

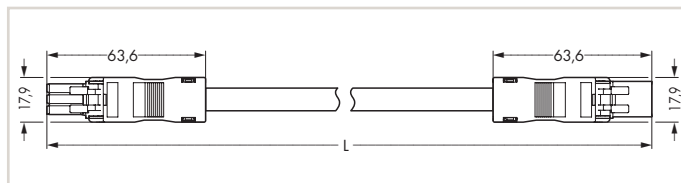
Cable Assemblies, 3 x 1 mm², PVC

891 Series

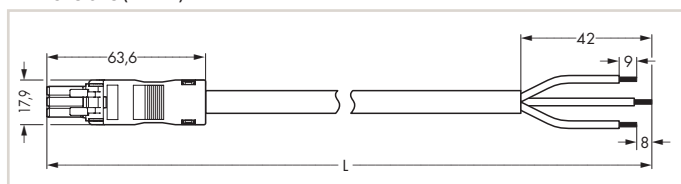
1



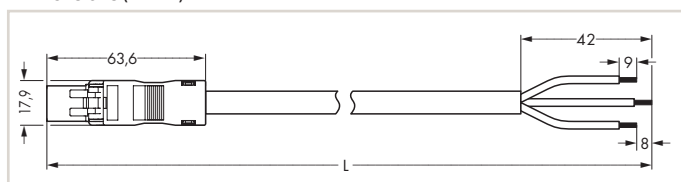
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8993/005-101	891-8993/005-102	1
2 m	891-8993/005-201	891-8993/005-202	1
3 m	891-8993/005-301	891-8993/005-302	1
4 m	891-8993/005-401	891-8993/005-402	1
5 m	891-8993/005-501	891-8993/005-502	1
6 m	891-8993/005-601	891-8993/005-602	1
7 m	891-8993/005-701	891-8993/005-702	1
8 m	891-8993/005-801	891-8993/005-802	1

Connecting cable,
socket – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8993/105-101	891-8993/105-102	1
2 m	891-8993/105-201	891-8993/105-202	1
3 m	891-8993/105-301	891-8993/105-302	1
4 m	891-8993/105-401	891-8993/105-402	1
5 m	891-8993/105-501	891-8993/105-502	1
6 m	891-8993/105-601	891-8993/105-602	1
7 m	891-8993/105-701	891-8993/105-702	1
8 m	891-8993/105-801	891-8993/105-802	1

Connecting cable,
plug – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8993/205-101	891-8993/205-102	1
2 m	891-8993/205-201	891-8993/205-202	1
3 m	891-8993/205-301	891-8993/205-302	1
4 m	891-8993/205-401	891-8993/205-402	1
5 m	891-8993/205-501	891-8993/205-502	1
6 m	891-8993/205-601	891-8993/205-602	1
7 m	891-8993/205-701	891-8993/205-702	1
8 m	891-8993/205-801	891-8993/205-802	1

Additional cable lengths available upon request.

 891 Series Accessories,
see page 340

 Approvals,
see www.wago.com

 Coding Overview,
see page 360

Coding

A

A

Marking

L ⊕ N

L ⊕ N

Color

● black

○ white

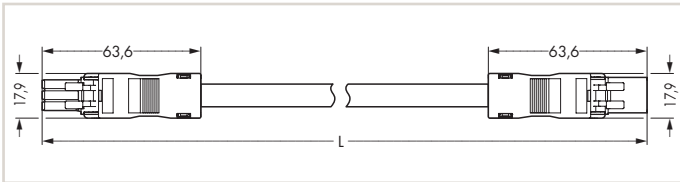
WINSTA® MINI

Cable Assemblies, 3 x 1 mm², Halogen-Free

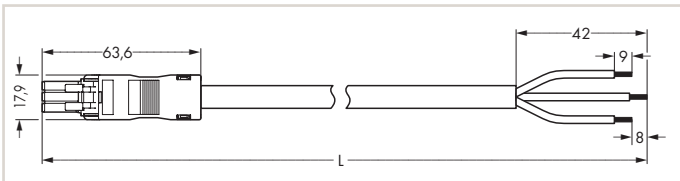
891 Series



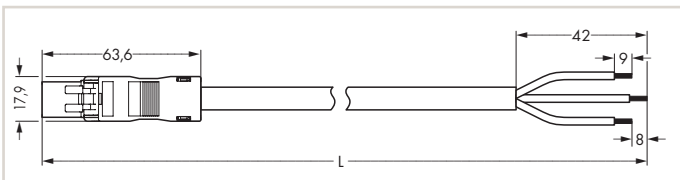
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8993/015-101	891-8993/015-102	1
2 m	891-8993/015-201	891-8993/015-202	1
3 m	891-8993/015-301	891-8993/015-302	1
4 m	891-8993/015-401	891-8993/015-402	1
5 m	891-8993/015-501	891-8993/015-502	1
6 m	891-8993/015-601	891-8993/015-602	1
7 m	891-8993/015-701	891-8993/015-702	1
8 m	891-8993/015-801	891-8993/015-802	1

Connecting cable, socket – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8993/115-101	891-8993/115-102	1
2 m	891-8993/115-201	891-8993/115-202	1
3 m	891-8993/115-301	891-8993/115-302	1
4 m	891-8993/115-401	891-8993/115-402	1
5 m	891-8993/115-501	891-8993/115-502	1
6 m	891-8993/115-601	891-8993/115-602	1
7 m	891-8993/115-701	891-8993/115-702	1
8 m	891-8993/115-801	891-8993/115-802	1

Connecting cable, plug – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8993/215-101	891-8993/215-102	1
2 m	891-8993/215-201	891-8993/215-202	1
3 m	891-8993/215-301	891-8993/215-302	1
4 m	891-8993/215-401	891-8993/215-402	1
5 m	891-8993/215-501	891-8993/215-502	1
6 m	891-8993/215-601	891-8993/215-602	1
7 m	891-8993/215-701	891-8993/215-702	1
8 m	891-8993/215-801	891-8993/215-802	1

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MINI

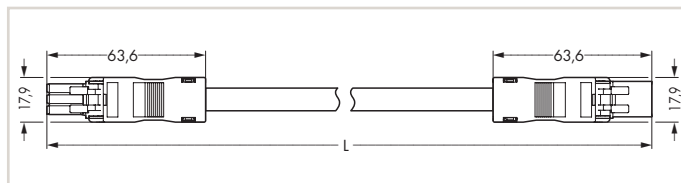
Cable Assemblies, 3 x 1.5 mm², PVC

891 Series

1



Dimensions (in mm):



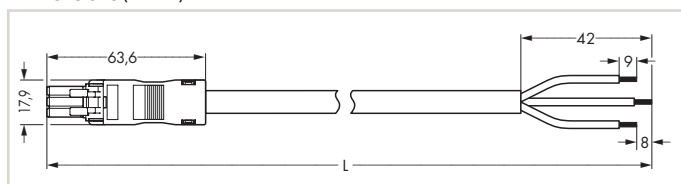
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8993/006-101	891-8993/006-102	1
2 m	891-8993/006-201	891-8993/006-202	1
3 m	891-8993/006-301	891-8993/006-302	1
4 m	891-8993/006-401	891-8993/006-402	1
5 m	891-8993/006-501	891-8993/006-502	1
6 m	891-8993/006-601	891-8993/006-602	1
7 m	891-8993/006-701	891-8993/006-702	1
8 m	891-8993/006-801	891-8993/006-802	1



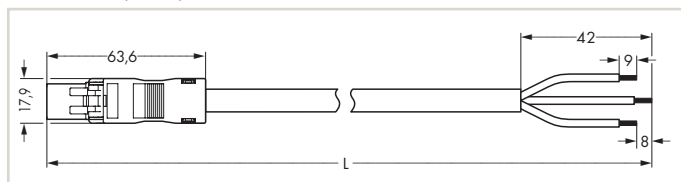
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8993/106-101	891-8993/106-102	1
2 m	891-8993/106-201	891-8993/106-202	1
3 m	891-8993/106-301	891-8993/106-302	1
4 m	891-8993/106-401	891-8993/106-402	1
5 m	891-8993/106-501	891-8993/106-502	1
6 m	891-8993/106-601	891-8993/106-602	1
7 m	891-8993/106-701	891-8993/106-702	1
8 m	891-8993/106-801	891-8993/106-802	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8993/206-101	891-8993/206-102	1
2 m	891-8993/206-201	891-8993/206-202	1
3 m	891-8993/206-301	891-8993/206-302	1
4 m	891-8993/206-401	891-8993/206-402	1
5 m	891-8993/206-501	891-8993/206-502	1
6 m	891-8993/206-601	891-8993/206-602	1
7 m	891-8993/206-701	891-8993/206-702	1
8 m	891-8993/206-801	891-8993/206-802	1

Additional cable lengths available upon request.

 891 Series Accessories,
see page 340

 Approvals,
see www.wago.com

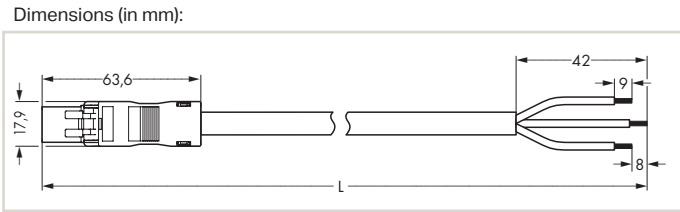
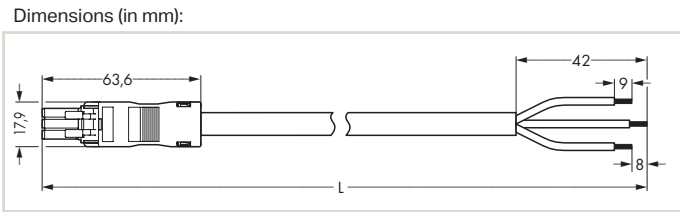
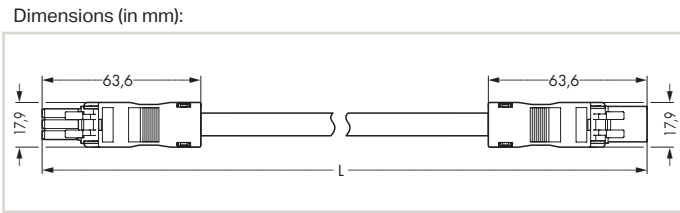
 Coding Overview,
see page 360

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

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Cable Assemblies, 3 x 1.5 mm², Halogen-Free

891 Series



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8993/016-101	891-8993/016-102	1
2 m	891-8993/016-201	891-8993/016-202	1
3 m	891-8993/016-301	891-8993/016-302	1
4 m	891-8993/016-401	891-8993/016-402	1
5 m	891-8993/016-501	891-8993/016-502	1
6 m	891-8993/016-601	891-8993/016-602	1
7 m	891-8993/016-701	891-8993/016-702	1
8 m	891-8993/016-801	891-8993/016-802	1

Connecting cable, socket – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8993/116-101	891-8993/116-102	1
2 m	891-8993/116-201	891-8993/116-202	1
3 m	891-8993/116-301	891-8993/116-302	1
4 m	891-8993/116-401	891-8993/116-402	1
5 m	891-8993/116-501	891-8993/116-502	1
6 m	891-8993/116-601	891-8993/116-602	1
7 m	891-8993/116-701	891-8993/116-702	1
8 m	891-8993/116-801	891-8993/116-802	1

Connecting cable, plug – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8993/216-101	891-8993/216-102	1
2 m	891-8993/216-201	891-8993/216-202	1
3 m	891-8993/216-301	891-8993/216-302	1
4 m	891-8993/216-401	891-8993/216-402	1
5 m	891-8993/216-501	891-8993/216-502	1
6 m	891-8993/216-601	891-8993/216-602	1
7 m	891-8993/216-701	891-8993/216-702	1
8 m	891-8993/216-801	891-8993/216-802	1

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MINI

Sockets and Plugs, 4-Pole

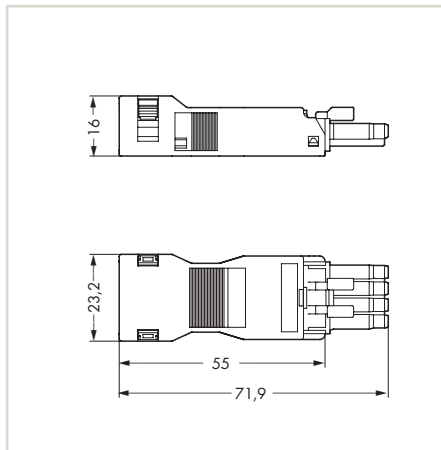
890 Series

1

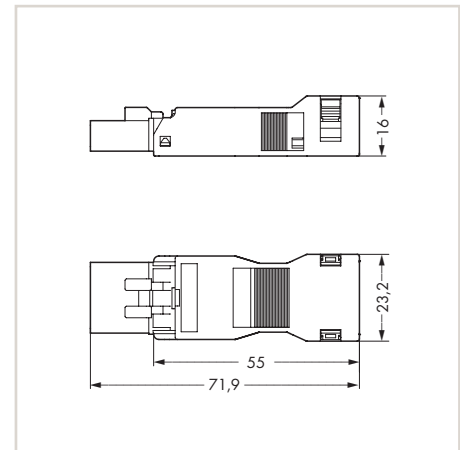
Conductor range	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Socket,
with strain relief housing,
for 6.5 ... 10.5 mm cable diameter,
45 mm strip length

Color	Item No.	Pack. Unit
● black	890-104	50
○ white	890-124	50

Plug,
with strain relief housing,
for 6.5 ... 10.5 mm cable diameter,
45 mm strip length

Color	Item No.	Pack. Unit
● black	890-114	50
○ white	890-134	50

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories,
see page 340

Approvals,
see www.wago.com

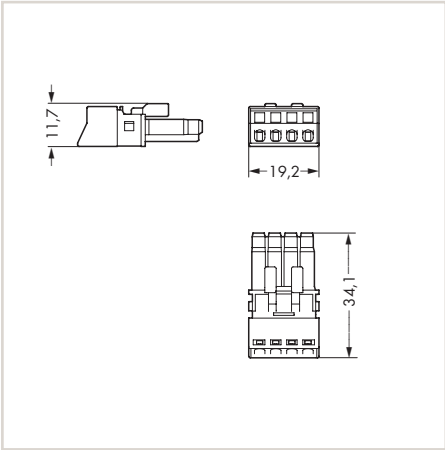
Coding Overview,
see page 360

Coding	Marking	Color
A	N ⊕ 2/L 1/L	● black
A	N ⊕ 2/L 1/L	○ white

Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch

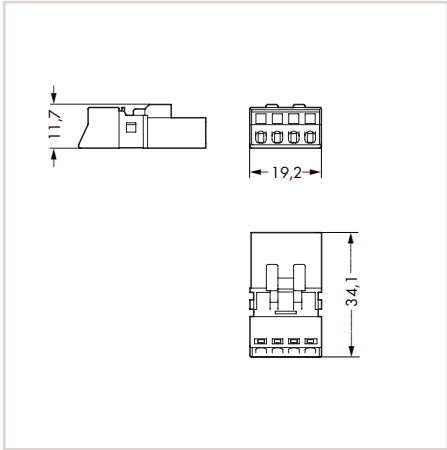


Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
● black	890-204	50
○ white	890-224	50

Dimensions (in mm):



Plug, without strain relief housing		
Color	Item No.	Pack. Unit
● black	890-214	50
○ white	890-234	50

Coding	Marking	Color
A	N ⊕ 2L 1L	● black
A	N ⊕ 2L 1L	○ white

WINSTA® MINI

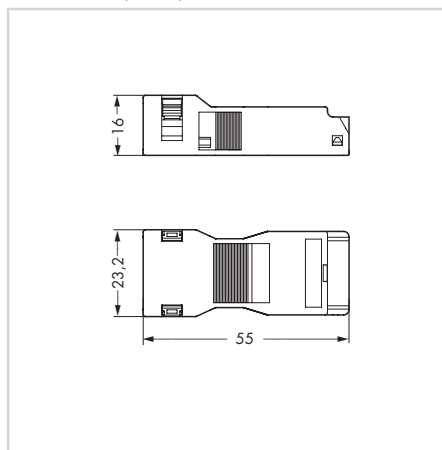
Strain Relief Housings, 4-Pole

890 Series

1



Dimensions (in mm):



Strain relief housing,
for 6.5 ... 10.5 mm cable diameter,
45 mm strip length

Color	Item No.	Pack. Unit
black	890-504	50
white	890-514	50

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

 890 Series Accessories,
see page 340

 Approvals,
see www.wago.com

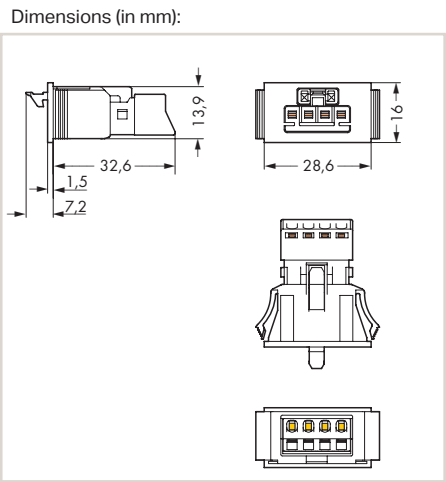
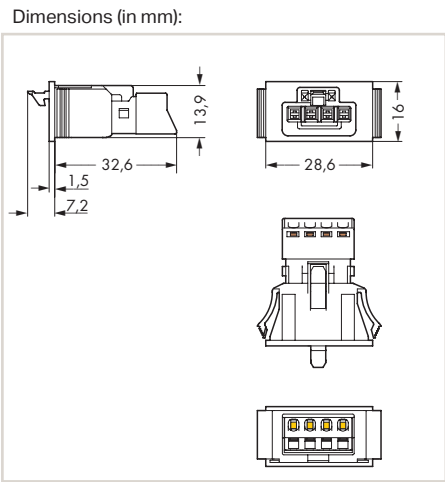
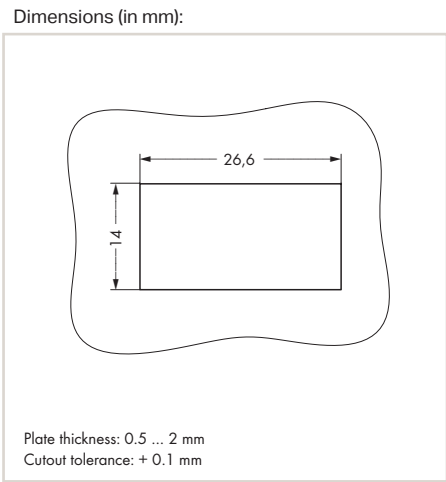
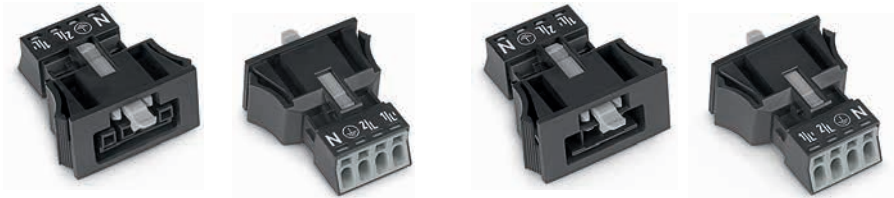
 Coding Overview,
see page 360

WINSTA® MINI

Snap-In Sockets and Plugs, 4-Pole

890 Series

Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch



Socket		
Color	Item No.	Pack. Unit
● black	890-704	50
○ white	890-724	50

Plug		
Color	Item No.	Pack. Unit
● black	890-714	50
○ white	890-734	50

Coding	Marking	Color
A	N ④ 2L 1L	● black
A	N ④ 2L 1L	○ white

WINSTA® MINI

Pluggable PCB Connectors, 4-Pole

890 Series

Rated voltage

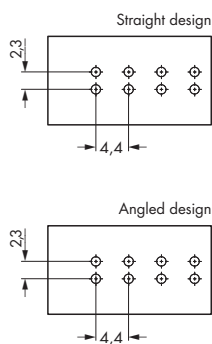
250 V

Rated current

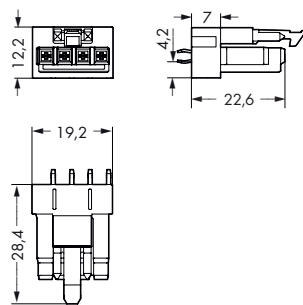
16 A



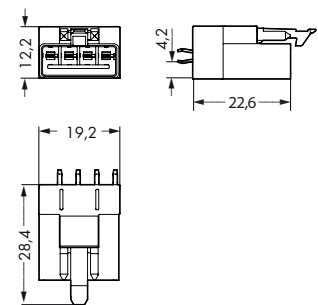
Dimensions (in mm):

Drilled hole diameter: 1.3^{+0.1} mm

Dimensions (in mm):



Dimensions (in mm):

**Socket, straight**

Color	Item No.	Pack. Unit
● black	890-804	100
○ white	890-824	100

Plug, straight

Color	Item No.	Pack. Unit
● black	890-814	100
○ white	890-834	100

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories,
see page 340

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

Marking

N ② 1L

N ② 1L

Color

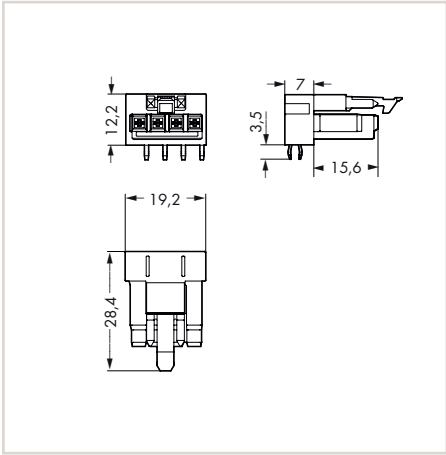
● black

○ white

Rated voltage	250 V
Rated current	16 A



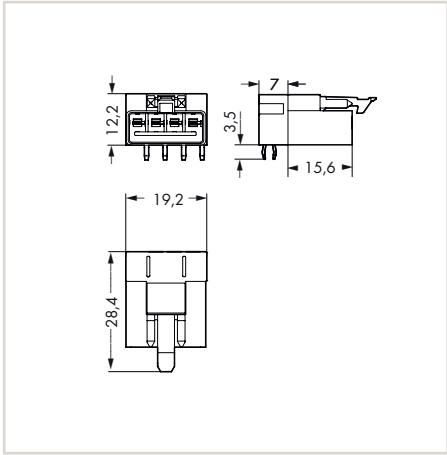
Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
● black	890-804/011-000	100
○ white	890-824/011-000	100



Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
● black	890-814/011-000	100
○ white	890-834/011-000	100

Coding	Marking	Color
A	N Ⓢ 2L 1L	● black
A	N Ⓢ 2L 1L	○ white

WINSTA® MINI

Intermediate Couplers, 4-Pole

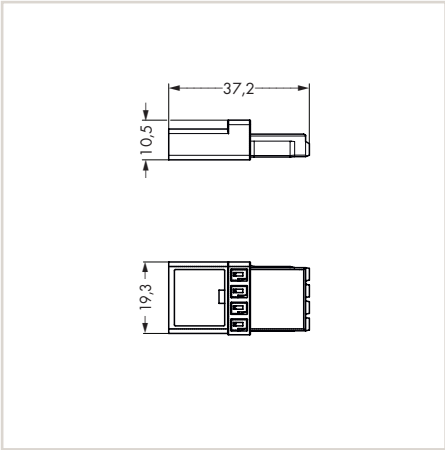
890 Series

1

Rated voltage	400 V
Rated current	16 A



Dimensions (in mm):



Intermediate coupler , 1 x plug/1 x socket		
Color	Item No.	Pack. Unit
● black	890-604	50
○ white	890-654	50

Note
At least one snap-in connector **without** a locking lever is required on one side when connecting two lights directly via intermediate coupler.

890 Series Accessories,
see page 340

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding	Marking	Color
A	N Ⓢ 2L 1L	● black
A	N Ⓢ 2L 1L	○ white

WINSTA® MINI

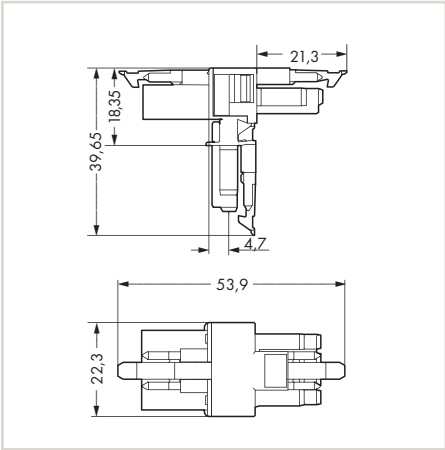
Distribution Connectors, 4-Pole

890 Series

Rated voltage	400 V
Rated current	16 A



Dimensions (in mm):

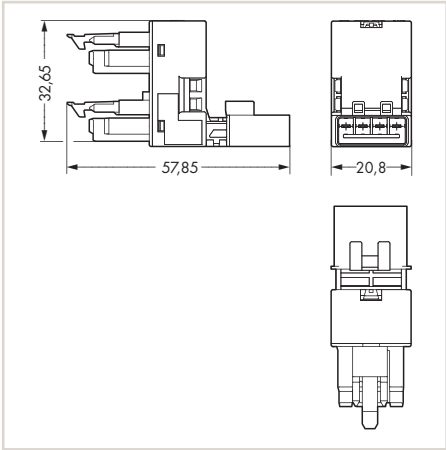


T-distribution connector, 1 x plug/2 x socket		
Color	Item No.	Pack. Unit
● black	890-626	50
○ white	890-676	50

T-distribution connector, 1 x plug/2 x socket, for "flying leads," with 3rd locking lever		
Color	Item No.	Pack. Unit
● black	890-627	50
○ white	890-677	50



Dimensions (in mm):



h-distribution connector, unidirectional, plug/socket – socket		
Color	Item No.	Pack. Unit
● black	890-944	50
○ white	890-994	50

h-distribution connector, unidirectional, plug/socket – socket, for "flying leads," with 3rd locking lever		
Color	Item No.	Pack. Unit
● black	890-945	50
○ white	890-995	50

Coding	Marking	Color
A	N Ⓢ 2L 1L	● black
A	N Ⓢ 2L 1L	○ white

WINSTA® MINI

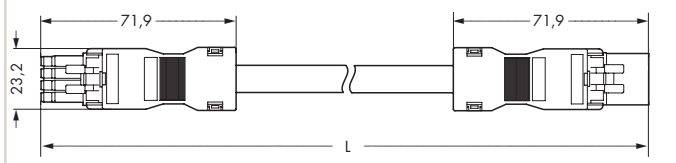
Cable Assemblies, 4 x 1.5 mm², PVC

891 Series

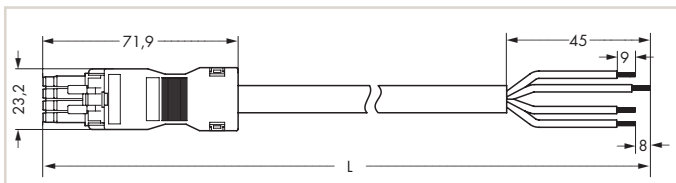
1



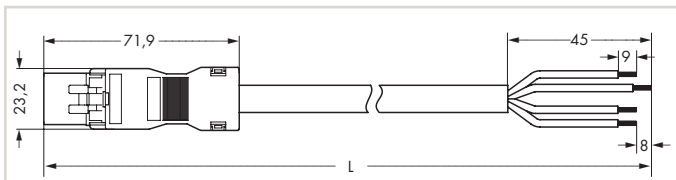
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8994/006-101	891-8994/006-102	1
2 m	891-8994/006-201	891-8994/006-202	1
3 m	891-8994/006-301	891-8994/006-302	1
4 m	891-8994/006-401	891-8994/006-402	1
5 m	891-8994/006-501	891-8994/006-502	1
6 m	891-8994/006-601	891-8994/006-602	1
7 m	891-8994/006-701	891-8994/006-702	1
8 m	891-8994/006-801	891-8994/006-802	1

Connecting cable,
socket – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8994/106-101	891-8994/106-102	1
2 m	891-8994/106-201	891-8994/106-202	1
3 m	891-8994/106-301	891-8994/106-302	1
4 m	891-8994/106-401	891-8994/106-402	1
5 m	891-8994/106-501	891-8994/106-502	1
6 m	891-8994/106-601	891-8994/106-602	1
7 m	891-8994/106-701	891-8994/106-702	1
8 m	891-8994/106-801	891-8994/106-802	1

Connecting cable,
plug – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8994/206-101	891-8994/206-102	1
2 m	891-8994/206-201	891-8994/206-202	1
3 m	891-8994/206-301	891-8994/206-302	1
4 m	891-8994/206-401	891-8994/206-402	1
5 m	891-8994/206-501	891-8994/206-502	1
6 m	891-8994/206-601	891-8994/206-602	1
7 m	891-8994/206-701	891-8994/206-702	1
8 m	891-8994/206-801	891-8994/206-802	1

Additional cable lengths upon request.

 891 Series Accessories,
see page 340

 Approvals,
see www.wago.com

 Coding Overview,
see page 360

Coding

A

A

Marking

N ⊕ 2_L 1_LN ⊕ 2_L 1_L

Color

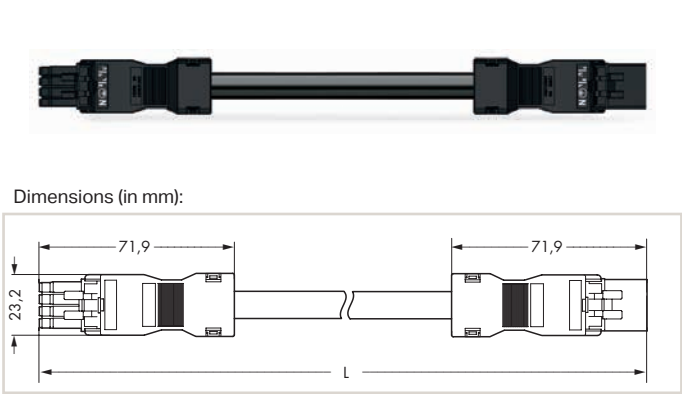
● black

○ white

WINSTA® MINI

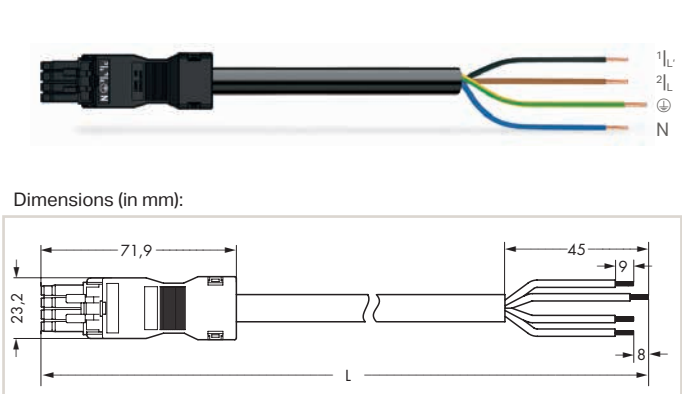
Cable Assemblies, 4 x 1.5 mm², Halogen-Free

891 Series

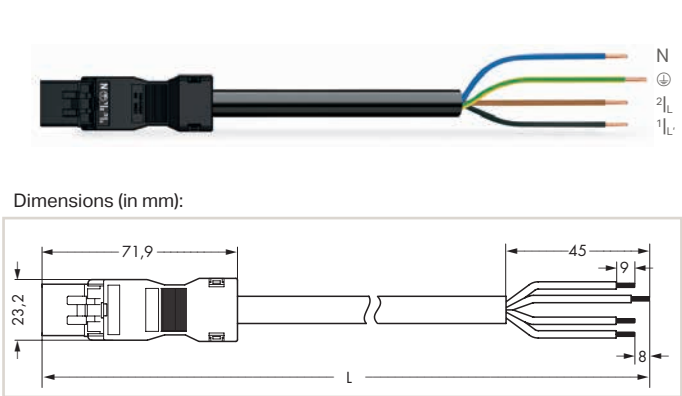


Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8994/016-101	891-8994/016-102	1
2 m	891-8994/016-201	891-8994/016-202	1
3 m	891-8994/016-301	891-8994/016-302	1
4 m	891-8994/016-401	891-8994/016-402	1
5 m	891-8994/016-501	891-8994/016-502	1
6 m	891-8994/016-601	891-8994/016-602	1
7 m	891-8994/016-701	891-8994/016-702	1
8 m	891-8994/016-801	891-8994/016-802	1



Connecting cable, socket – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8994/116-101	891-8994/116-102	1
2 m	891-8994/116-201	891-8994/116-202	1
3 m	891-8994/116-301	891-8994/116-302	1
4 m	891-8994/116-401	891-8994/116-402	1
5 m	891-8994/116-501	891-8994/116-502	1
6 m	891-8994/116-601	891-8994/116-602	1
7 m	891-8994/116-701	891-8994/116-702	1
8 m	891-8994/116-801	891-8994/116-802	1



Connecting cable, plug – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8994/216-101	891-8994/216-102	1
2 m	891-8994/216-201	891-8994/216-202	1
3 m	891-8994/216-301	891-8994/216-302	1
4 m	891-8994/216-401	891-8994/216-402	1
5 m	891-8994/216-501	891-8994/216-502	1
6 m	891-8994/216-601	891-8994/216-602	1
7 m	891-8994/216-701	891-8994/216-702	1
8 m	891-8994/216-801	891-8994/216-802	1

Coding	Marking	Color
A	N ⊕ 2L 1L	● black
A	N ⊕ 2L 1L	○ white

WINSTA® MINI

Sockets and Plugs, 5-Pole

890 Series

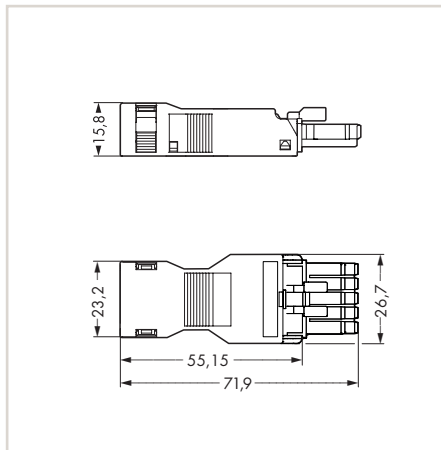
1

Conductor range
Rated voltage
Rated current
Strip length

0.25 ... 1.5 mm ² / 22 ... 16 AWG
400 V
13 A
9 mm / 0.35 inch



Dimensions (in mm):

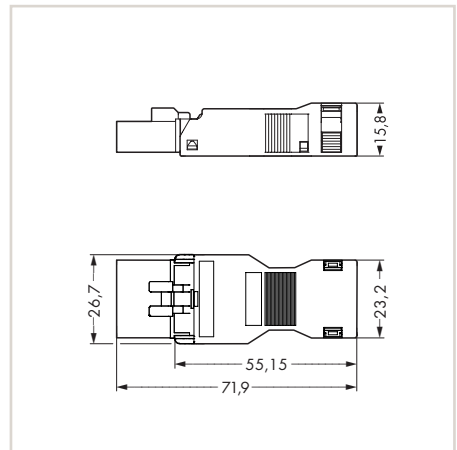


Socket,
with strain relief housing,
for 6.5 ... 10.5 mm cable diameter,
45 mm strip length

Color	Item No.	Pack. Unit
● black	890-105	50
○ white	890-125	50



Dimensions (in mm):



Plug,
with strain relief housing,
for 6.5 ... 10.5 mm cable diameter,
45 mm strip length

Color	Item No.	Pack. Unit
● black	890-115	50
○ white	890-135	50

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/ socket).

890 Series Accessories,
see page 340

Approvals,
see www.wago.com

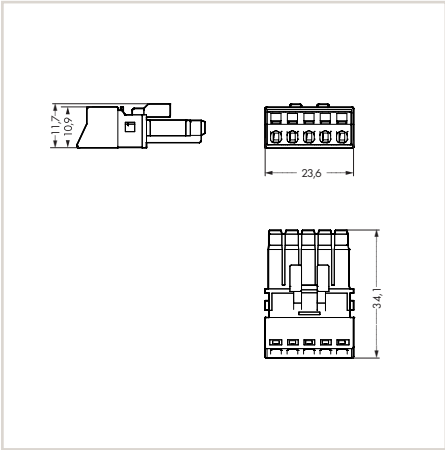
Coding Overview,
see page 360

Coding	Marking	Color
A	N ④ 1 2 3	● black
A	N ④ 1 2 3	○ white

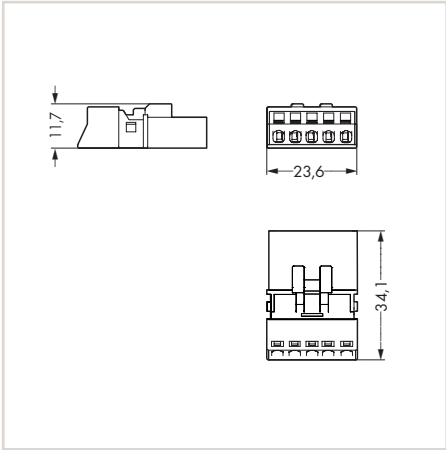
Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	400 V
Rated current	13 A (16 A for DALI applications)
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
● black	890-205	50
○ white	890-225	50
● blue	890-1105	50

Plug, without strain relief housing		
Color	Item No.	Pack. Unit
● black	890-215	50
○ white	890-235	50
● blue	890-1115	50

Coding	Marking	Color
A	N ⊕ 1 2 3	● black
A	N ⊕ 1 2 3	○ white
I	N ⊕ L + -	● blue

WINSTA® MINI

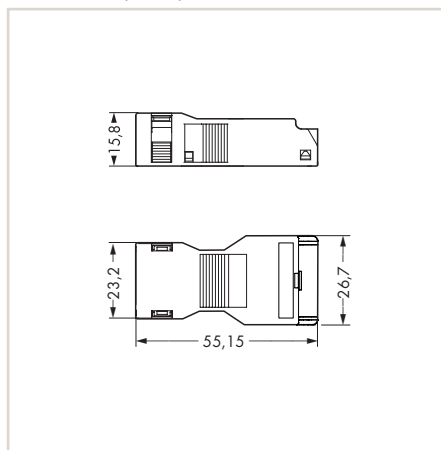
Strain Relief Housings, 5-Pole

890 Series

1



Dimensions (in mm):



Strain relief housing,
for 6.5 ... 10.5 mm cable diameter,
45 mm strip length

Color	Item No.	Pack. Unit
black	890-505	50
white	890-515	50

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories,
see page 340

Approvals,
see www.wago.com

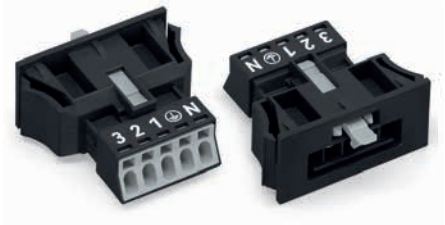
Coding Overview,
see page 360

WINSTA® MINI

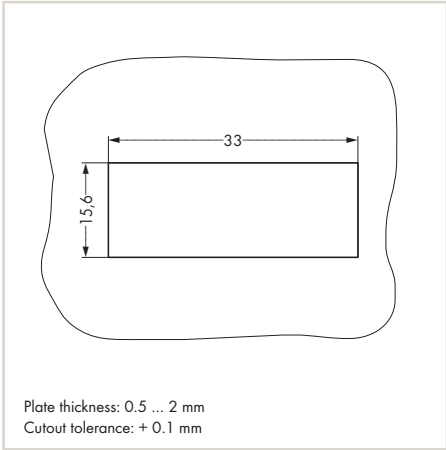
Snap-In Sockets and Plugs, 5-Pole

890 Series

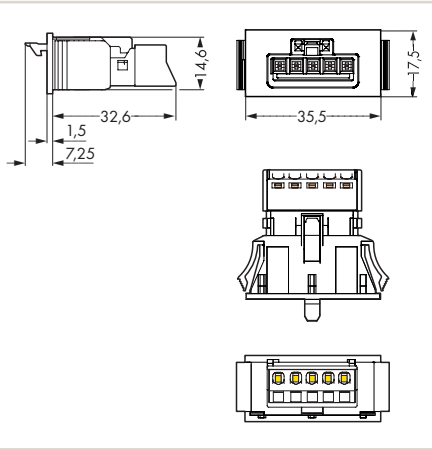
Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	400 V
Rated current	13 A (16 A for DALI applications)
Strip length	9 mm / 0.35 inch



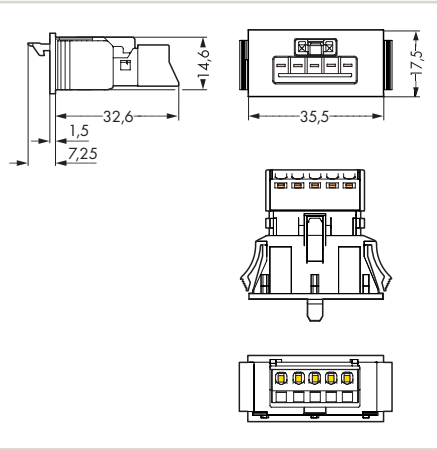
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket		
Color	Item No.	Pack. Unit
● black	890-705	50
○ white	890-725	50
● blue	890-2105	50

Socket, without locking lever, for lighting installation with intermediate coupler		
Color	Item No.	Pack. Unit
● black	890-705/006-000	50
○ white	890-725/006-000	50
● blue	890-2105/006-000	50

Plug		
Color	Item No.	Pack. Unit
● black	890-715	50
○ white	890-735	50
● blue	890-2115	50

Plug, without locking lever, for lighting installation with intermediate coupler		
Color	Item No.	Pack. Unit
● black	890-715/006-000	50
○ white	890-735/006-000	50
● blue	890-2115/006-000	50

Coding	Marking	Color
A	N ⊕ 1 2 3	● black
A	N ⊕ 1 2 3	○ white
I	N ⊕ L + -	● blue

WINSTA® MINI

Pluggable PCB Connectors, 5-Pole

890 Series

Rated voltage

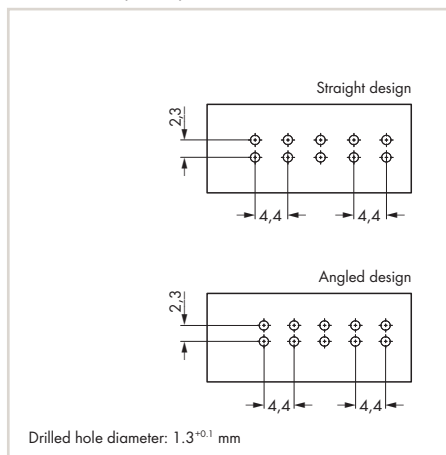
250 V

Rated current

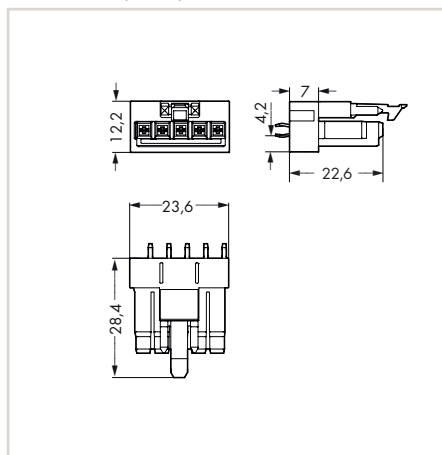
13 A (16 A for DALI applications)



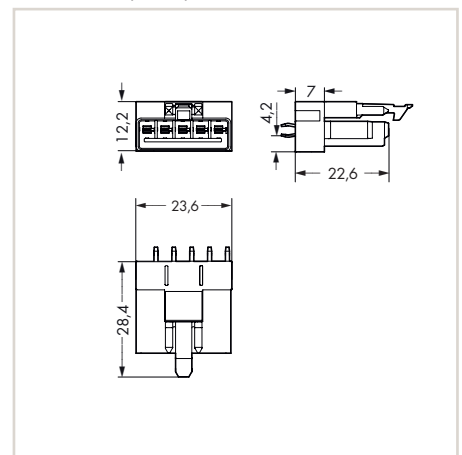
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):

**Socket, straight**

Color	Item No.	Pack. Unit
● black	890-805	100
○ white	890-825	100
● blue	890-3105	100

Plug, straight

Color	Item No.	Pack. Unit
● black	890-815	100
○ white	890-835	100
● blue	890-3115	100

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories, see page 340

Approvals, see www.wago.com

Coding Overview, see page 360

Coding

A

A

I

Marking

N ⊕ 1 2 3

N ⊕ 1 2 3

N ⊕ L + -

Color

● black

○ white

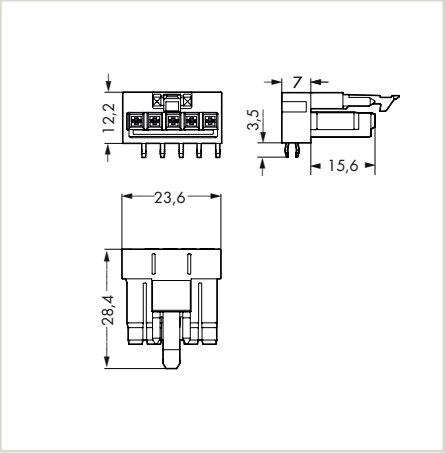
● blue

Rated voltage
Rated current

250 V
13 A (16 A for DALI applications)



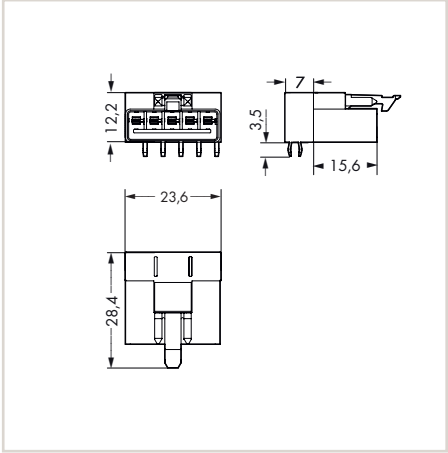
Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
● black	890-805/011-000	100
○ white	890-825/011-000	100
● blue	890-3105/011-000	100



Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
● black	890-815/011-000	100
○ white	890-835/011-000	100
● blue	890-3115/011-000	100

Coding	Marking	Color
A	N ⊕ 1 2 3	● black
A	N ⊕ 1 2 3	○ white
I	N ⊕ L + -	● blue

WINSTA® MINI

Distribution Connectors, 5-Pole

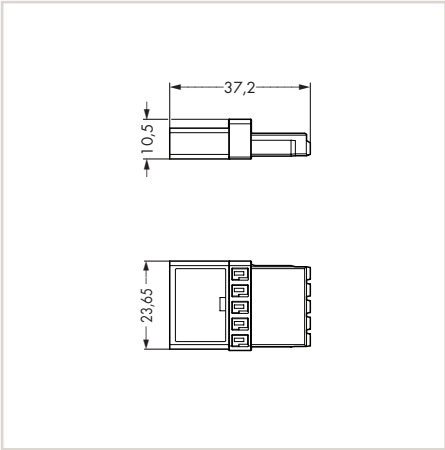
890 Series

1

Rated voltage	400 V
Rated current	13 A (16 A for DALI applications)



Dimensions (in mm):



Intermediate coupler , 1 x plug/1 x socket		
Color	Item No.	Pack. Unit
● black	890-605	50
○ white	890-655	50
● blue	890-619	50

Note
At least one snap-in connector **without** a locking lever is required on one side when connecting two lights directly via intermediate coupler (see page 51).

890 Series Accessories, see page 340

Approvals, see www.wago.com

Coding Overview, see page 360

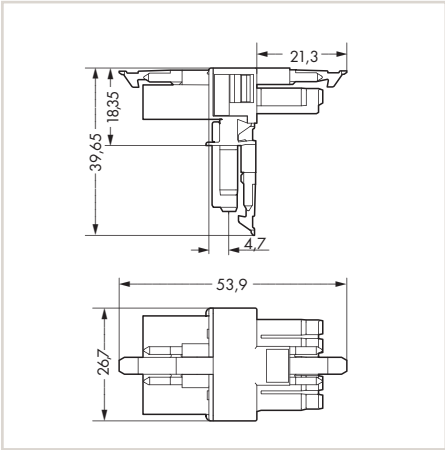
Coding	Marking	Color
A	N ⊕ 1 2 3	● black
A	N ⊕ 1 2 3	○ white
I	N ⊕ L + -	● blue

Rated voltage
Rated current

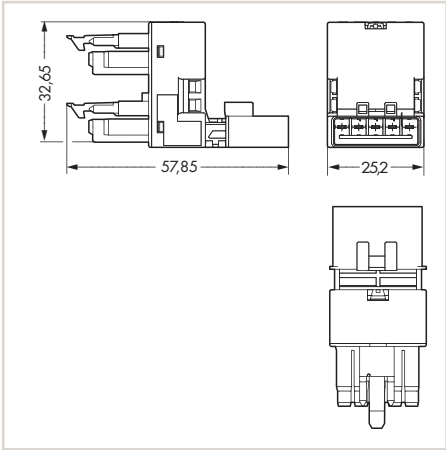
400 V
13 A (16 A for DALI applications)



Dimensions (in mm):



Dimensions (in mm):



T-distribution connector, 1 x plug/2 x socket		
Color	Item No.	Pack. Unit
● black	890-621	50
○ white	890-671	50
● blue	890-617	50

h-distribution connector, unidirectional, plug/socket – socket		
Color	Item No.	Pack. Unit
● black	890-929	50
○ white	890-979	50
● blue	890-982	50

T-distribution connector, 1 x plug/2 x socket, for "flying leads," with 3rd locking lever		
Color	Item No.	Pack. Unit
● black	890-622	50
○ white	890-672	50
● blue	890-620	50

h-distribution connector, unidirectional, plug/socket – socket, for "flying leads," with 3rd locking lever		
Color	Item No.	Pack. Unit
● black	890-930	50
○ white	890-980	50
● blue	890-983	50

Coding
A
A
I

Marking
N ⊕ 1 2 3
N ⊕ 1 2 3
N ⊕ L + -

Color
● black
○ white
● blue

WINSTA® MINI

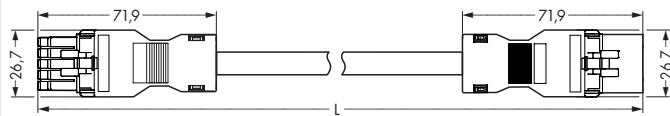
Cable Assemblies, 5 x 1.5 mm², PVC

891 Series

1



Dimensions (in mm):



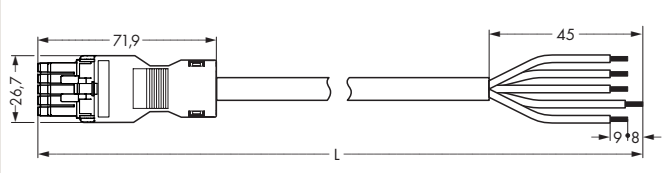
Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8995/006-101	891-8995/006-102	1
2 m	891-8995/006-201	891-8995/006-202	1
3 m	891-8995/006-301	891-8995/006-302	1
4 m	891-8995/006-401	891-8995/006-402	1
5 m	891-8995/006-501	891-8995/006-502	1
6 m	891-8995/006-601	891-8995/006-602	1
7 m	891-8995/006-701	891-8995/006-702	1
8 m	891-8995/006-801	891-8995/006-802	1



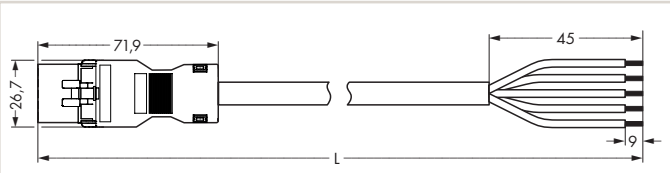
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8995/106-101	891-8995/106-102	1
2 m	891-8995/106-201	891-8995/106-202	1
3 m	891-8995/106-301	891-8995/106-302	1
4 m	891-8995/106-401	891-8995/106-402	1
5 m	891-8995/106-501	891-8995/106-502	1
6 m	891-8995/106-601	891-8995/106-602	1
7 m	891-8995/106-701	891-8995/106-702	1
8 m	891-8995/106-801	891-8995/106-802	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, coding A

Length	● black	○ white	Pack. Unit
1 m	891-8995/206-101	891-8995/206-102	1
2 m	891-8995/206-201	891-8995/206-202	1
3 m	891-8995/206-301	891-8995/206-302	1
4 m	891-8995/206-401	891-8995/206-402	1
5 m	891-8995/206-501	891-8995/206-502	1
6 m	891-8995/206-601	891-8995/206-602	1
7 m	891-8995/206-701	891-8995/206-702	1
8 m	891-8995/206-801	891-8995/206-802	1

Additional cable lengths upon request.

891 Series Accessories,
see page 340

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

Marking

N 1 2 3

N 1 2 3

Color

● black

○ white

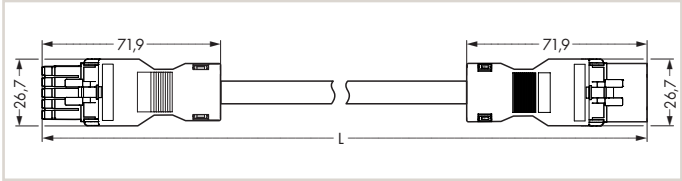
WINSTA® MINI

Cable Assemblies, 5 x 1.5 mm², Halogen-Free

891 Series



Dimensions (in mm):

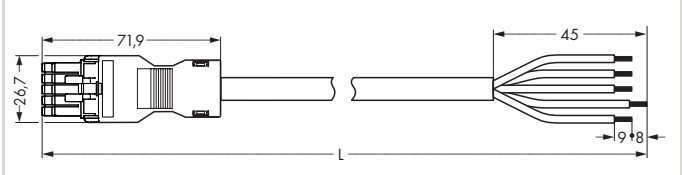


Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8995/016-101	891-8995/016-102	1
2 m	891-8995/016-201	891-8995/016-202	1
3 m	891-8995/016-301	891-8995/016-302	1
4 m	891-8995/016-401	891-8995/016-402	1
5 m	891-8995/016-501	891-8995/016-502	1
6 m	891-8995/016-601	891-8995/016-602	1
7 m	891-8995/016-701	891-8995/016-702	1
8 m	891-8995/016-801	891-8995/016-802	1



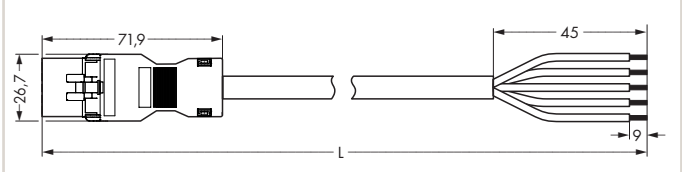
Dimensions (in mm):



Connecting cable, socket – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8995/116-101	891-8995/116-102	1
2 m	891-8995/116-201	891-8995/116-202	1
3 m	891-8995/116-301	891-8995/116-302	1
4 m	891-8995/116-401	891-8995/116-402	1
5 m	891-8995/116-501	891-8995/116-502	1
6 m	891-8995/116-601	891-8995/116-602	1
7 m	891-8995/116-701	891-8995/116-702	1
8 m	891-8995/116-801	891-8995/116-802	1



Dimensions (in mm):



Connecting cable, plug – free end, halogen-free, coding A			
Length	● black	○ white	Pack. Unit
1 m	891-8995/216-101	891-8995/216-102	1
2 m	891-8995/216-201	891-8995/216-202	1
3 m	891-8995/216-301	891-8995/216-302	1
4 m	891-8995/216-401	891-8995/216-402	1
5 m	891-8995/216-501	891-8995/216-502	1
6 m	891-8995/216-601	891-8995/216-602	1
7 m	891-8995/216-701	891-8995/216-702	1
8 m	891-8995/216-801	891-8995/216-802	1

Coding	Marking	Color
A	N ⊕ 1 2 3	● black
A	N ⊕ 1 2 3	○ white

WINSTA® MINI

Cable Assemblies, 5 x 1.5 mm², PVC

891 Series

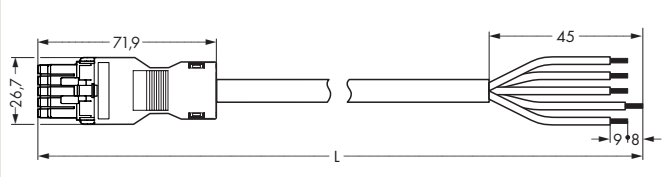
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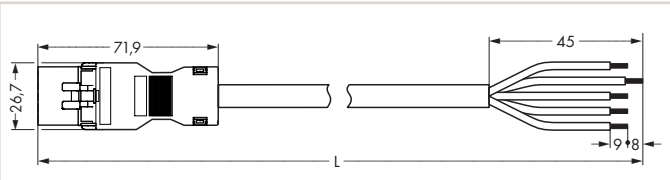
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, for dimming functions (e.g., DALI), PVC, coding I

Length	● black	○ white	Pack. Unit
1 m	891-8985/006-101	891-8985/006-102	1
2 m	891-8985/006-201	891-8985/006-202	1
3 m	891-8985/006-301	891-8985/006-302	1
4 m	891-8985/006-401	891-8985/006-402	1
5 m	891-8985/006-501	891-8985/006-502	1
6 m	891-8985/006-601	891-8985/006-602	1
7 m	891-8985/006-701	891-8985/006-702	1
8 m	891-8985/006-801	891-8985/006-802	1

Connecting cable,
socket – free end, for dimming functions (e.g., DALI), PVC, coding I

Length	● black	○ white	Pack. Unit
1 m	891-8985/106-101	891-8985/106-102	1
2 m	891-8985/106-201	891-8985/106-202	1
3 m	891-8985/106-301	891-8985/106-302	1
4 m	891-8985/106-401	891-8985/106-402	1
5 m	891-8985/106-501	891-8985/106-502	1
6 m	891-8985/106-601	891-8985/106-602	1
7 m	891-8985/106-701	891-8985/106-702	1
8 m	891-8985/106-801	891-8985/106-802	1

Connecting cable,
plug – free end, for dimming functions (e.g., DALI), PVC, coding I

Length	● black	○ white	Pack. Unit
1 m	891-8985/206-101	891-8985/206-102	1
2 m	891-8985/206-201	891-8985/206-202	1
3 m	891-8985/206-301	891-8985/206-302	1
4 m	891-8985/206-401	891-8985/206-402	1
5 m	891-8985/206-501	891-8985/206-502	1
6 m	891-8985/206-601	891-8985/206-602	1
7 m	891-8985/206-701	891-8985/206-702	1
8 m	891-8985/206-801	891-8985/206-802	1

Additional cable lengths upon request.

891 Series Accessories,
see page 340

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

I

Marking

N ⊕ L + -

Color

● blue

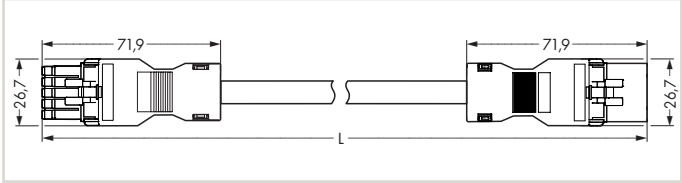
WINSTA® MINI

Cable Assemblies, 5 x 1.5 mm², Halogen-Free

891 Series



Dimensions (in mm):

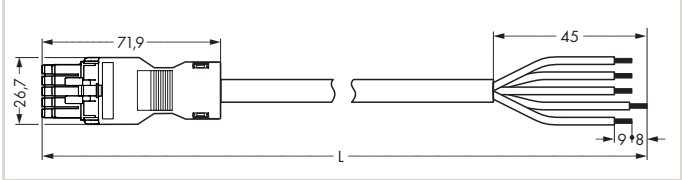


Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, for dimming functions (e.g., DALI), halogen-free, coding I			
Length	● black	○ white	Pack. Unit
1 m	891-8985/016-101	891-8985/016-102	1
2 m	891-8985/016-201	891-8985/016-202	1
3 m	891-8985/016-301	891-8985/016-302	1
4 m	891-8985/016-401	891-8985/016-402	1
5 m	891-8985/016-501	891-8985/016-502	1
6 m	891-8985/016-601	891-8985/016-602	1
7 m	891-8985/016-701	891-8985/016-702	1
8 m	891-8985/016-801	891-8985/016-802	1



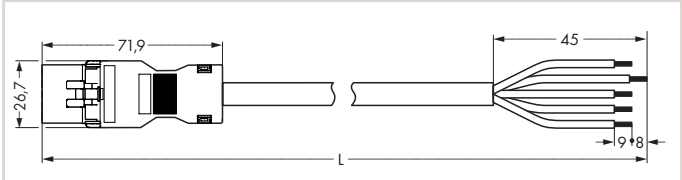
Dimensions (in mm):



Connecting cable, socket – free end, for dimming functions (e.g., DALI), halogen-free, coding I			
Length	● black	○ white	Pack. Unit
1 m	891-8985/116-101	891-8985/116-102	1
2 m	891-8985/116-201	891-8985/116-202	1
3 m	891-8985/116-301	891-8985/116-302	1
4 m	891-8985/116-401	891-8985/116-402	1
5 m	891-8985/116-501	891-8985/116-502	1
6 m	891-8985/116-601	891-8985/116-602	1
7 m	891-8985/116-701	891-8985/116-702	1
8 m	891-8985/116-801	891-8985/116-802	1

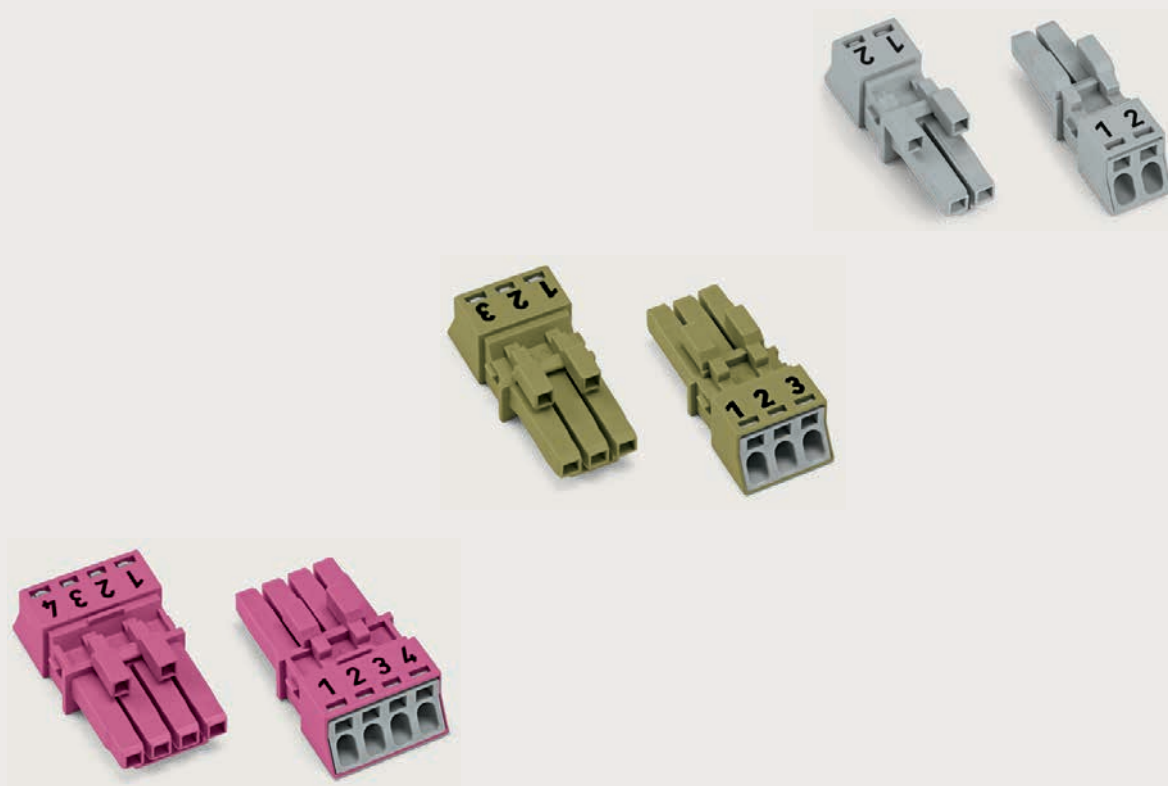


Dimensions (in mm):



Connecting cable, plug – free end, for dimming functions (e.g., DALI), halogen-free, coding I			
Length	● black	○ white	Pack. Unit
1 m	891-8985/216-101	891-8985/216-102	1
2 m	891-8985/216-201	891-8985/216-202	1
3 m	891-8985/216-301	891-8985/216-302	1
4 m	891-8985/216-401	891-8985/216-402	1
5 m	891-8985/216-501	891-8985/216-502	1
6 m	891-8985/216-601	891-8985/216-602	1
7 m	891-8985/216-701	891-8985/216-702	1
8 m	891-8985/216-801	891-8985/216-802	1

Coding	Marking	Color
I	N ⊕ L + -	● blue



WINSTA® MINI special

Important note:

B-Coded components from the WINSTA® MINI special series are designed for specialty applications (e.g., measurement, control and regulation technology) and certified per DIN EN 61984. In addition to the gray models rated from 110 to 400 V, there is now also a variant in light green for low voltages up to 48 V, as well as a pink one for bus applications. Each of the three versions is available in 2-, 3- or 4- and 5-pole configurations. Pole marking can be printed at the factory to suit customer requirements. According to IEC 61535, B-coded products are protected against mismatching with all other coding types found in the WINSTA® system. Within B-coding, all special variants can mate with each other. Special variants can be clearly differentiated according to color and pole marking.

WINSTA® MINI

1.5 mm² / 16 A

890 / 891 Series

- Note:**
- Installation connectors are designed for connection and disconnection while not under load.
 - There is no hazard-inducing interchangeability with systems based on IEC 60309, IEC 60320, IEC 60906 and with national connector and socket systems.
 - Compliance with the standards does not guarantee hazard-preventing, non-interchangeability with installation connector systems from various manufacturers.
 - Installation connector systems are not a substitute for residential connector/socket systems.

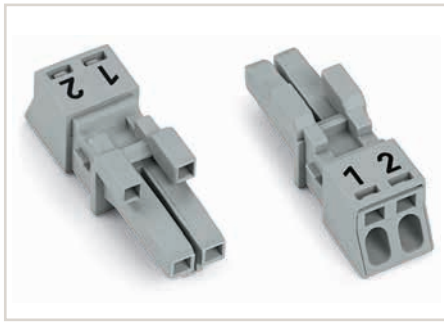
2

		Page
	Pluggable Connectors, 890 Series	
	2-pole	65
	3-pole	74
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	5-pole	90
	Snap-In Device Connectors, 890 Series	
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	2-pole	68
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	2-pole	70
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	2-pole	72
	3-pole	80
	4-pole	88
	5-pole	94

WINSTA® MINI special

Technical Data, 2- to 5-Pole

890 / 891 Series



Connection Data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.25 ... 1.5 mm² / 22 ... 16 AWG
Solid conductor, push-in termination	0.75 ... 1.5 mm² / 20 ... 16 AWG
Stranded conductor	0.25 ... 1 mm² / 22 ... 18 AWG
Fine-stranded conductor	0.25 ... 1.5 mm² / 22 ... 16 AWG
Fine-stranded conductor with uninsulated ferrule	0.25 ... 1 mm² / 22 ... 18 AWG
Fine-stranded conductor with insulated ferrule	0.25 ... 0.75 mm² / 22 ... 20 AWG
Strip length	9 mm / 0.35 inch (see also packaging or instructions)

Electrical Data

Rated voltage (III / 3)	
2-pole	250 V
3-pole	250 V
4-pole	400 V (250 V for PCB terminal blocks)
5-pole	400 V (250 V for PCB terminal blocks)
Rated surge voltage (III / 3)	
2-pole	4 kV
3-pole	4 kV
4-pole	6 kV (4 kV for PCB terminal blocks)
5-pole	6 kV (4 kV for PCB terminal blocks)
Rated current	
2-pole	16 A
3-pole	16 A 13 A for 3-pole load
4-pole	16 A 13 A for 3-pole load 10 A for 4-pole load
5-pole	16 A 13 A for 3-pole load 10 A for 4- and 5-pole load
Clearances and Creepage Distances	≥ 5.5 mm with strain relief ≥ 6.5 mm to exposed surfaces (Protection Category II)
Contact resistance	approx. 1 mΩ contact resistance approx. 0.25 mΩ contact transition socket / plug
Number of potentials	
2-pole	2
3-pole	3
4-pole	4
5-pole	5
Number of connection points	
2-pole	2
3-pole	3
4-pole	4
5-pole	5

Mechanical Data

Mating cycles	200, without resistive load 100, with resistive load $I_N = 16$ A (1.5 mm²)
Mating forces	20 N
Unmating forces	20 N (unlocked)
Retention forces	> 80 N (locked)
Cable diameter	
2-pole	3.8 ... 8.2 mm
3-pole	4.5 ... 10 mm
4-pole	6.5 ... 10.5 mm
5-pole	6.5 ... 10.5 mm
Protection type	IP2xC (with strain relief housing) Note: These compact connectors are not designed for use in open, easily accessible areas.
Processing temperature	-5 ... +40 °C

890 / 891 Series Accessories,
see page 340

Approvals,
see www.wago.com

Codings,
see page 360

Mechanical Data (Continued)

Continuous operating temperature	-35 ... ≤ +85 °C PVC cable ≤ +70 °C (incl. halogen-free) Insulating parts ≤ +105 °C
----------------------------------	---

Locking Levers

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

Material Data

Insulating parts	Polyamide (PA 66), halogen-free
Contacts	Copper or copper alloy, surface-treated
Clamping spring	Stainless steel (Cr-Ni)
Flammability class (per UL 94)	V0

Standards/Approvals

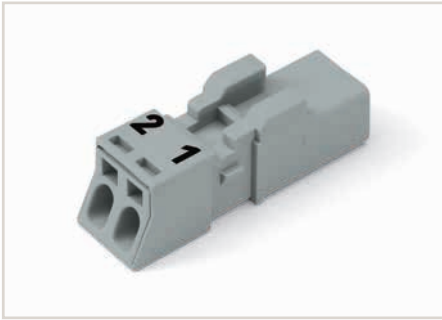
- UL (Depending on end-product standard, it **may** be necessary to use UL-approved cables with an appropriate AWG. These cables are available upon request.)
- CCA certificate
- IEC 61984
- LR
- GL
- DNV

WINSTA® MINI special

Description and Usage

890 / 891 Series

2



Gray, B-coded connector with "2 1" marking, e.g., control signal (A circuit)



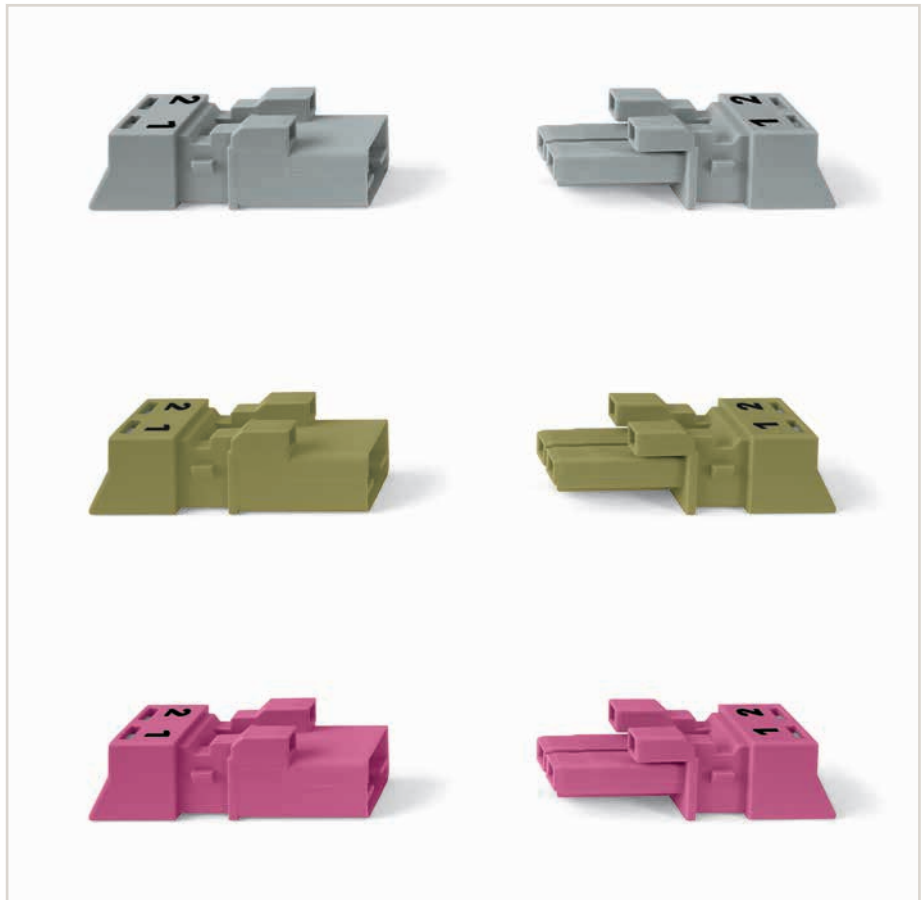
Easy circuit identification via different marking and colors



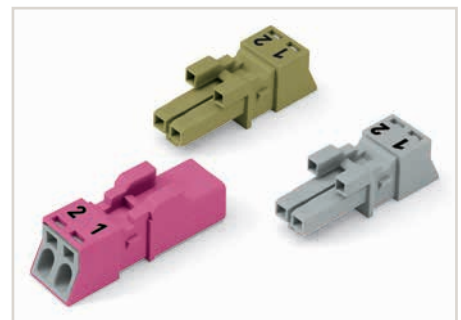
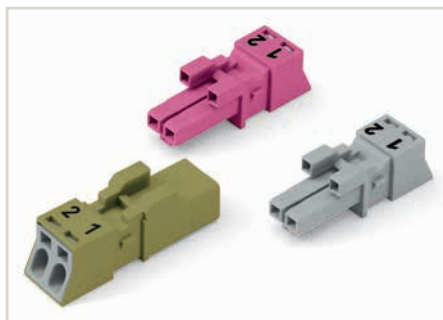
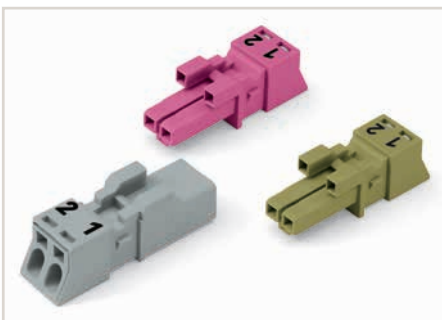
B-coded connectors (shown in gray) not only differ in color, but also in their design, making them incompatible with other coded connectors.



Light green, B-coded connector with "- +" marking, e.g., DC power supply (24 V circuit)



Pink, B-coded connector with "2 1" marking, e.g., control signal (B circuit)



B-coded connectors with different colors can be plugged together.

Important note:

Different colors and/or pole marking are used for circuit identification.

Only connectors of the same color and same pole marking must be plugged together.

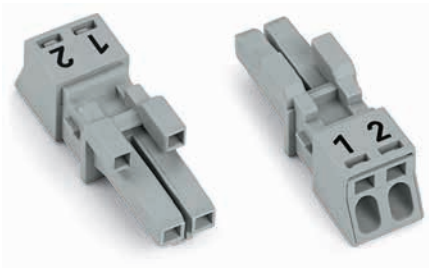
Installation notes for conductor connection, shield termination, operating tools and mounting aids for WINSTA® MINI special pluggable connectors are on page 10.

WINSTA® MINI special

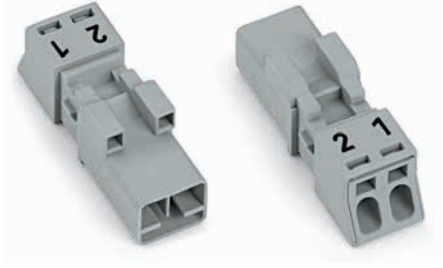
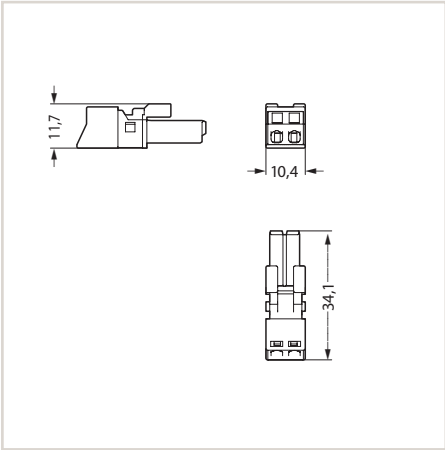
Sockets and Plugs, 2-Pole

890 Series

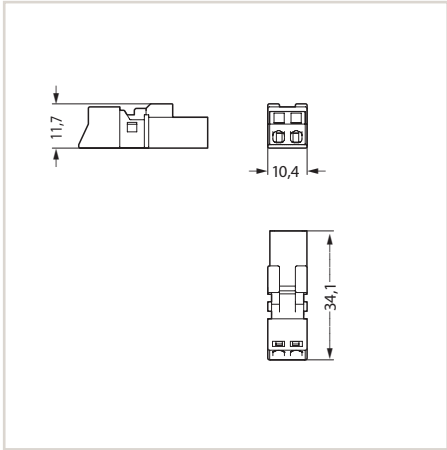
Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
gray	890-242	50
gray	890-242/060-000	50
light green	890-262	50
pink	890-282	50
pink	890-282/080-000	50
pink	890-282/082-000	50

Plug, without strain relief housing		
Color	Item No.	Pack. Unit
gray	890-252	50
gray	890-252/060-000	50
light green	890-272	50
pink	890-292	50
pink	890-292/080-000	50
pink	890-292/082-000	50

Additional pole marking available upon request.

Note:
All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/ socket).

- 890 Series Accessories, see page 340
- Approvals, see www.wago.com
- Coding Overview, see page 362

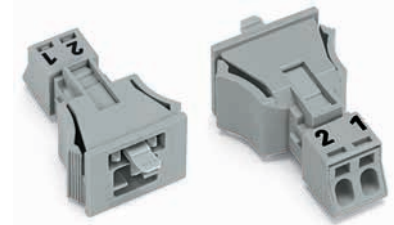
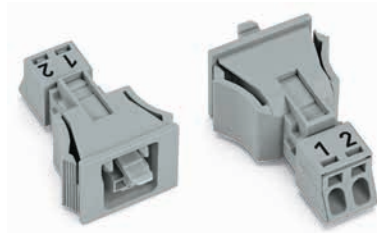
Coding	Marking	Suffix No.	Color
B	1 2		gray
B	L N	/060-000	gray
B	1 2		light green
B	1 2		pink
B	I+ I-	/080-000	pink
B	+ -	/082-000	pink

WINSTA® MINI special

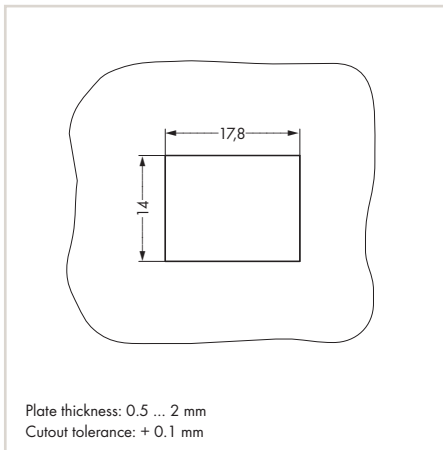
Snap-In Sockets and Plugs, 2-Pole

890 Series

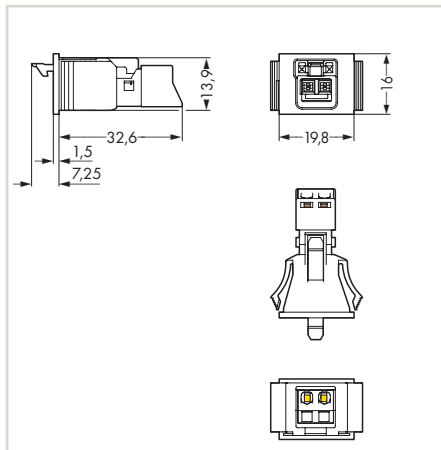
Conductor range	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch



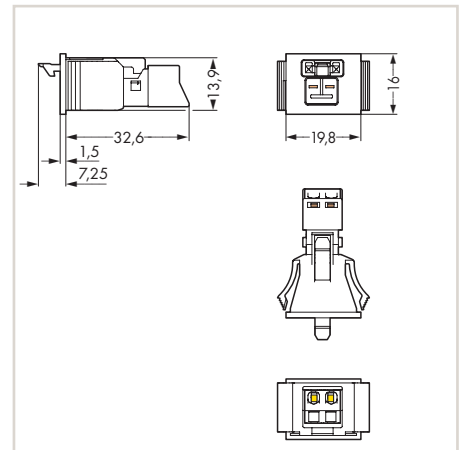
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket		
Color	Item No.	Pack. Unit
gray	890-742	50
gray	890-742/060-000	50
light green	890-762	50
pink	890-782	50
pink	890-782/080-000	50
pink	890-782/082-000	50

Plug		
Color	Item No.	Pack. Unit
gray	890-752	50
gray	890-752/060-000	50
light green	890-772	50
pink	890-792	50
pink	890-792/080-000	50
pink	890-792/082-000	50

Additional pole marking available upon request.

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories, see page 340

Approvals, see www.wago.com

Coding Overview, see page 362

Coding	Marking	Suffix No.	Color
B	1 2		gray
B	L N	/060-000	gray
B	1 2		light green
B	1 2		pink
B	1+ 1-	/080-000	pink
B	+ -	/082-000	pink

WINSTA® MINI special

Pluggable PCB Connectors, 2-Pole

890 Series

Rated voltage

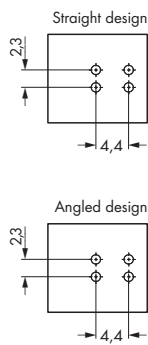
250 V

Rated current

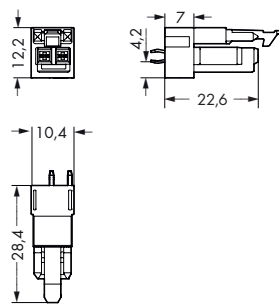
16 A



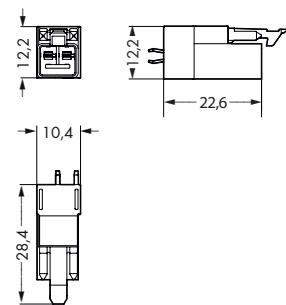
Dimensions (in mm):

Drilled hole diameter: $1.3^{+0.1}_{-0}$ mm

Dimensions (in mm):



Dimensions (in mm):

**Socket, straight**

Color	Item No.	Pack. Unit
gray	890-842	100
light green	890-862	100
pink	890-882	100

Plug, straight

Color	Item No.	Pack. Unit
gray	890-852	100
light green	890-872	100
pink	890-892	100

Additional pole marking available upon request.

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories, see page 340

Approvals, see www.wago.com

Coding Overview, see page 362

Coding

B

B

B

Marking

1 2

1 2

1 2

Color

gray

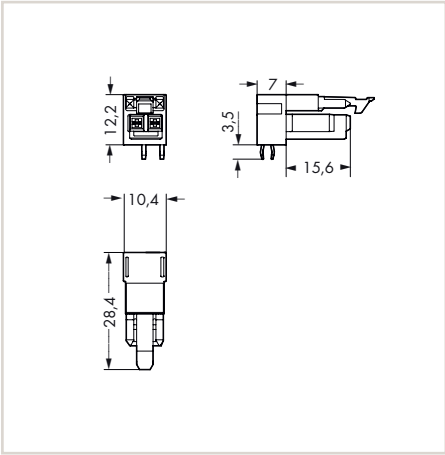
light green

pink

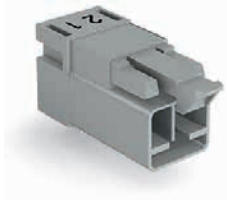
Rated voltage	250 V
Rated current	16 A



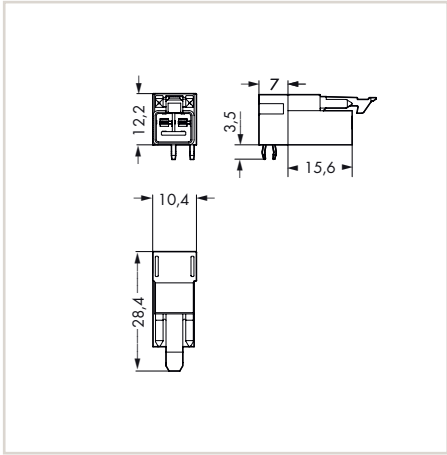
Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
gray	890-842/011-000	100
light green	890-862/011-000	100
pink	890-882/011-000	100



Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
gray	890-852/011-000	100
light green	890-872/011-000	100
pink	890-892/011-000	100

Coding	Marking	Color
B	1 2	gray
B	1 2	light green
B	1 2	pink

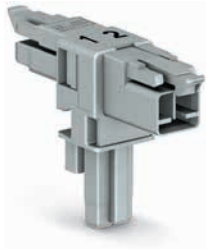
WINSTA® MINI special

Distribution Connectors, 2-Pole

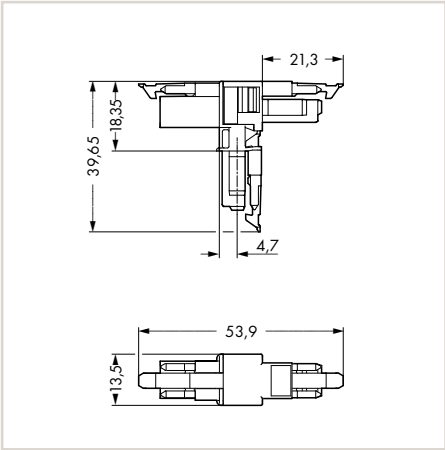
890 Series

Rated voltage	250 V
Rated current	16 A

2



Dimensions (in mm):



T-distribution connector, 1 x plug/2 x socket		
Color	Item No.	Pack. Unit
 gray	890-1601	25
 light green	890-1602	25
 pink	890-1603	25

T-distribution connector, 1 x plug/2 x socket, for "flying leads," with 3rd Locking lever		
Color	Item No.	Pack. Unit
 gray	890-1701	25
 light green	890-1702	25
 pink	890-1703	25

Additional pole marking available upon request.

 890 Series Accessories, see page 340
 Approvals, see www.wago.com
 Coding Overview, see page 362

Coding	Marking	Color
B	1 2	 gray
B	1 2	 light green
B	1 2	 pink

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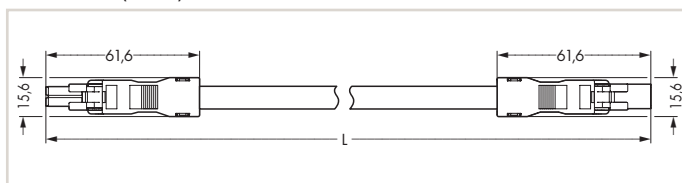
Cable Assemblies, 2 x 1 mm², PVC

891 Series

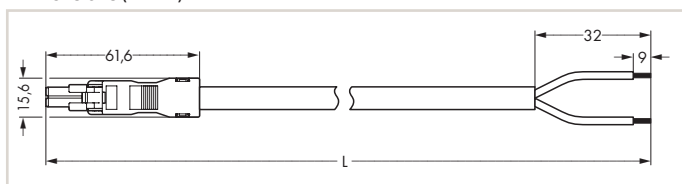
2



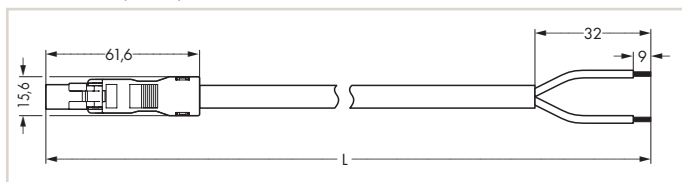
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8992/005-103	891-8992/005-105	891-8992/005-107	1
2 m	891-8992/005-203	891-8992/005-205	891-8992/005-207	1
3 m	891-8992/005-303	891-8992/005-305	891-8992/005-307	1
4 m	891-8992/005-403	891-8992/005-405	891-8992/005-407	1
5 m	891-8992/005-503	891-8992/005-505	891-8992/005-507	1
6 m	891-8992/005-603	891-8992/005-605	891-8992/005-607	1
7 m	891-8992/005-703	891-8992/005-705	891-8992/005-707	1
8 m	891-8992/005-803	891-8992/005-805	891-8992/005-807	1

Connecting cable, socket – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8992/105-103	891-8992/105-105	891-8992/105-107	1
2 m	891-8992/105-203	891-8992/105-205	891-8992/105-207	1
3 m	891-8992/105-303	891-8992/105-305	891-8992/105-307	1
4 m	891-8992/105-403	891-8992/105-405	891-8992/105-407	1
5 m	891-8992/105-503	891-8992/105-505	891-8992/105-507	1
6 m	891-8992/105-603	891-8992/105-605	891-8992/105-607	1
7 m	891-8992/105-703	891-8992/105-705	891-8992/105-707	1
8 m	891-8992/105-803	891-8992/105-805	891-8992/105-807	1

Connecting cable, plug – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8992/205-103	891-8992/205-105	891-8992/205-107	1
2 m	891-8992/205-203	891-8992/205-205	891-8992/205-207	1
3 m	891-8992/205-303	891-8992/205-305	891-8992/205-307	1
4 m	891-8992/205-403	891-8992/205-405	891-8992/205-407	1
5 m	891-8992/205-503	891-8992/205-505	891-8992/205-507	1
6 m	891-8992/205-603	891-8992/205-605	891-8992/205-607	1
7 m	891-8992/205-703	891-8992/205-705	891-8992/205-707	1
8 m	891-8992/205-803	891-8992/205-805	891-8992/205-807	1

Additional cable lengths and pole marking are available upon request.

891 Series Accessories,
see page 340

Approvals,
see www.wago.com

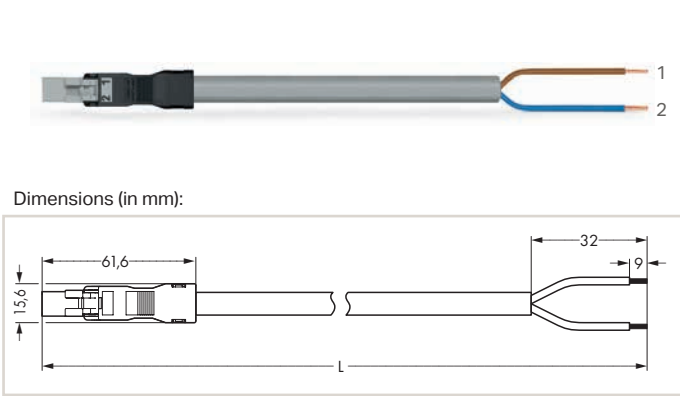
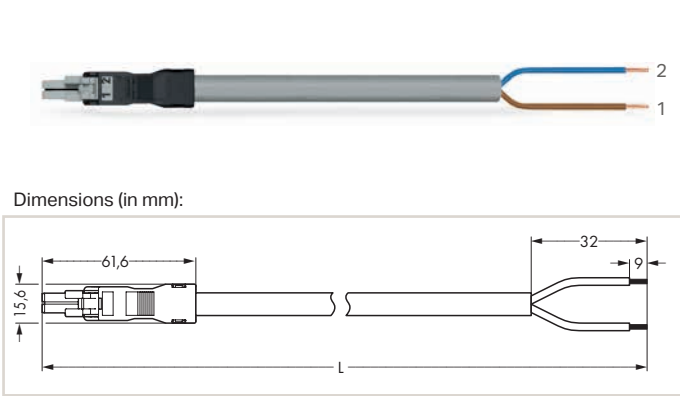
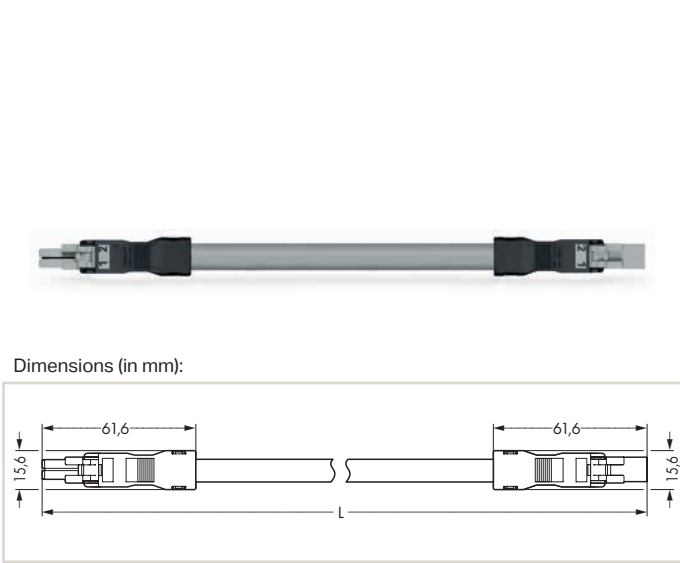
Coding Overview,
see page 362

Coding	Marking	Color
B	1 2	gray
B	1 2	light green
B	1 2	pink

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Cable Assemblies, 2 x 1.5 mm², PVC

891 Series



Rated voltage	250 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8992/006-103	891-8992/006-105	891-8992/006-107	1
2 m	891-8992/006-203	891-8992/006-205	891-8992/006-207	1
3 m	891-8992/006-303	891-8992/006-305	891-8992/006-307	1
4 m	891-8992/006-403	891-8992/006-405	891-8992/006-407	1
5 m	891-8992/006-503	891-8992/006-505	891-8992/006-507	1
6 m	891-8992/006-603	891-8992/006-605	891-8992/006-607	1
7 m	891-8992/006-703	891-8992/006-705	891-8992/006-707	1
8 m	891-8992/006-803	891-8992/006-805	891-8992/006-807	1

Connecting cable, socket – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8992/106-103	891-8992/106-105	891-8992/106-107	1
2 m	891-8992/106-203	891-8992/106-205	891-8992/106-207	1
3 m	891-8992/106-303	891-8992/106-305	891-8992/106-307	1
4 m	891-8992/106-403	891-8992/106-405	891-8992/106-407	1
5 m	891-8992/106-503	891-8992/106-505	891-8992/106-507	1
6 m	891-8992/106-603	891-8992/106-605	891-8992/106-607	1
7 m	891-8992/106-703	891-8992/106-705	891-8992/106-707	1
8 m	891-8992/106-803	891-8992/106-805	891-8992/106-807	1

Connecting cable, plug – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8992/206-103	891-8992/206-105	891-8992/206-107	1
2 m	891-8992/206-203	891-8992/206-205	891-8992/206-207	1
3 m	891-8992/206-303	891-8992/206-305	891-8992/206-307	1
4 m	891-8992/206-403	891-8992/206-405	891-8992/206-407	1
5 m	891-8992/206-503	891-8992/206-505	891-8992/206-507	1
6 m	891-8992/206-603	891-8992/206-605	891-8992/206-607	1
7 m	891-8992/206-703	891-8992/206-705	891-8992/206-707	1
8 m	891-8992/206-803	891-8992/206-805	891-8992/206-807	1

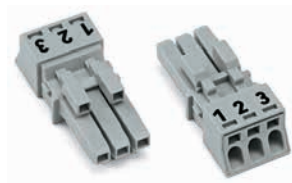
Coding	Marking	Color
B	1 2	gray
B	1 2	light green
B	1 2	pink

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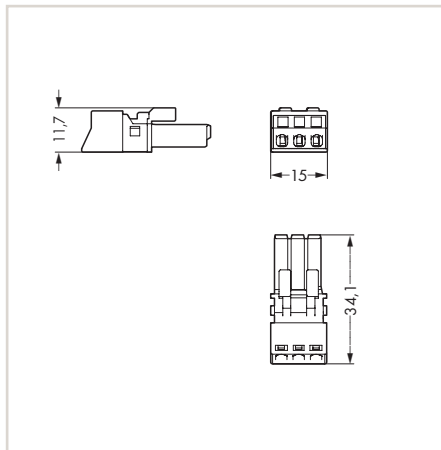
Sockets and Plugs, 3-Pole

890 Series

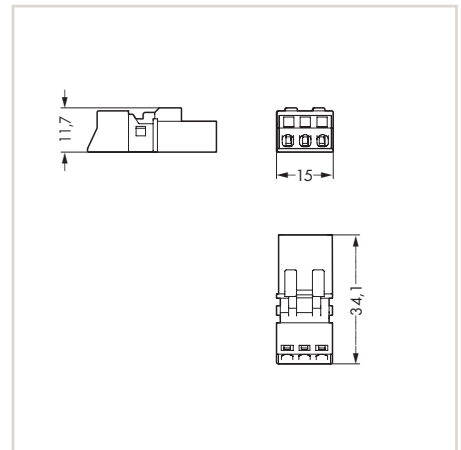
Conductor range	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Rated voltage	250 V
Rated current	16 A (see page 62)
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
gray	890-243	50
gray	890-243/060-000	50
gray	890-243/062-000	50
light green	890-263	50
light green	890-263/071-000	50
light green	890-263/073-000	50
pink	890-283	50
pink	890-283/081-000	50
pink	890-283/082-000	50

Plug, without strain relief housing		
Color	Item No.	Pack. Unit
gray	890-253	50
gray	890-253/060-000	50
gray	890-253/062-000	50
light green	890-273	50
light green	890-273/071-000	50
light green	890-273/073-000	50
pink	890-293	50
pink	890-293/081-000	50
pink	890-293/082-000	50

Additional pole marking available upon request.

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories,
see page 340

Approvals,
see www.wago.com

Coding Overview,
see page 362

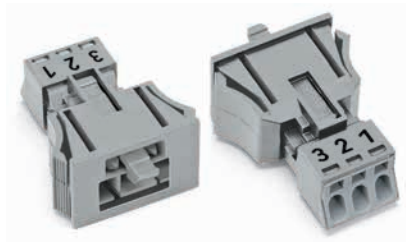
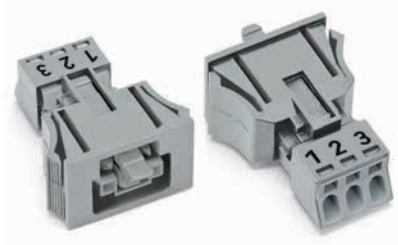
Coding	Marking	Suffix No.	Color
B	1 2 3		gray
B	L ⊕ N	/060-000	gray
B	2 PE 1	/062-000	gray
B	1 2 3		light green
B	U+ X/Y U-	/071-000	light green
B	1 ⊕ 2	/073-000	light green
B	1 2 3		pink
B	1 2 5	/081-000	pink
B	+ S -	/082-000	pink

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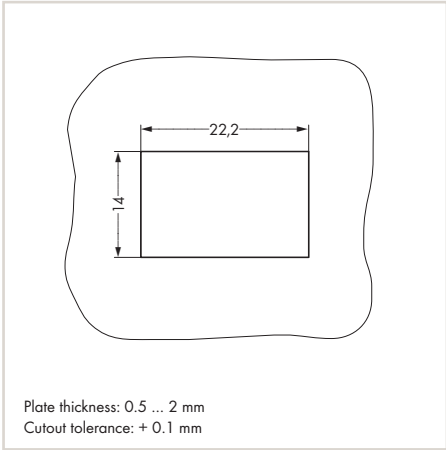
Snap-In Sockets and Plugs, 3-Pole

890 Series

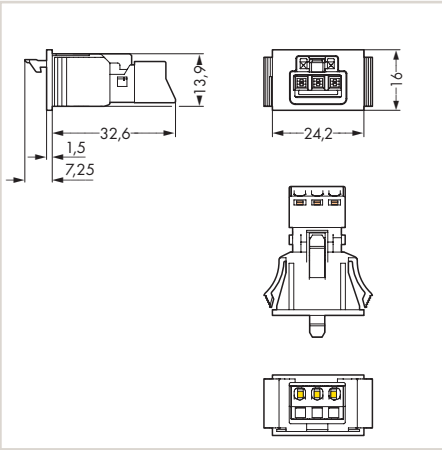
Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	250 V
Rated current	16 A (see page 62)
Strip length	9 mm / 0.35 inch



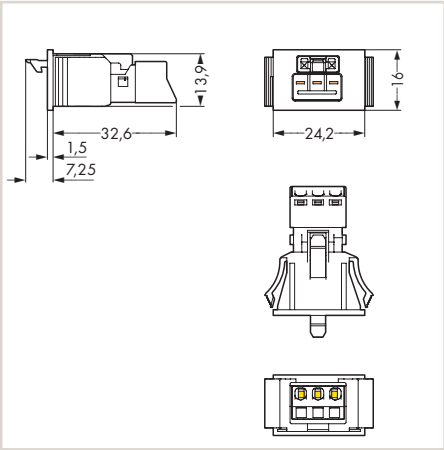
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket		
Color	Item No.	Pack. Unit
gray	890-743	50
gray	890-743/060-000	50
gray	890-743/062-000	50
light green	890-763	50
light green	890-763/071-000	50
light green	890-763/073-000	50
pink	890-783	50
pink	890-783/081-000	50
pink	890-783/082-000	50

Plug		
Color	Item No.	Pack. Unit
gray	890-753	50
gray	890-753/060-000	50
gray	890-753/062-000	50
light green	890-773	50
light green	890-773/071-000	50
light green	890-773/073-000	50
pink	890-793	50
pink	890-793/081-000	50
pink	890-793/082-000	50

Coding	Marking	Suffix No.	Color
B	1 2 3		gray
B	L ⊕ N	/060-000	gray
B	2 PE 1	/062-000	gray
B	1 2 3		light green
B	U+ X/Y U-	/071-000	light green
B	1 ⊕ 2	/073-000	light green
B	1 2 3		pink
B	1 2 5	/081-000	pink
B	+ S -	/082-000	pink

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Pluggable PCB Connectors, 3-Pole

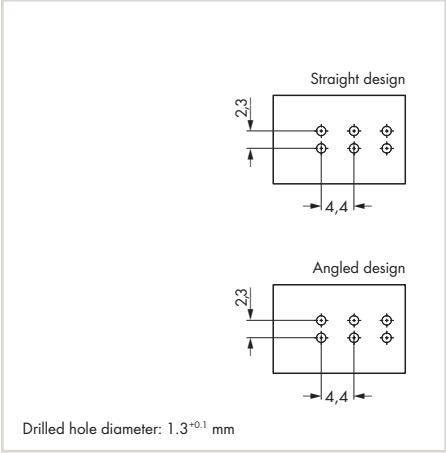
890 Series

Rated voltage	250 V
Rated current	16 A (see page 62)

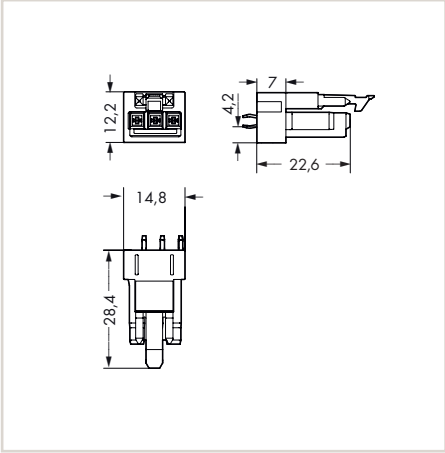
2



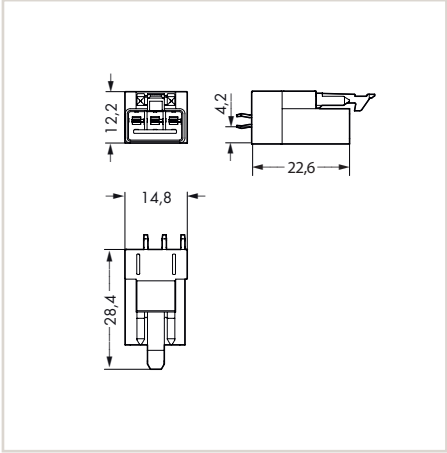
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket, straight		
Color	Item No.	Pack. Unit
gray	890-843	100
light green	890-863	100
pink	890-883	100

Plug, straight		
Color	Item No.	Pack. Unit
gray	890-853	100
light green	890-873	100
pink	890-893	100

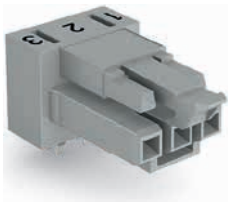
Additional pole marking available upon request.

Note:
All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for “flying leads” (plug/ socket).

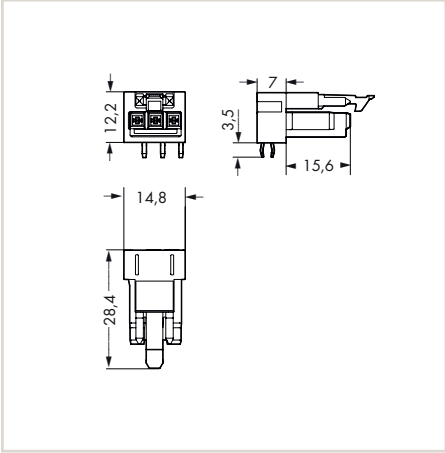
- 890 Series Accessories, see page 340
- Approvals, see www.wago.com
- Coding Overview, see page 362

Coding	Marking	Color
B	1 2 3	gray
B	1 2 3	light green
B	1 2 3	pink

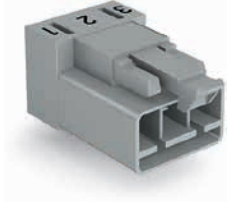
Rated voltage	250 V
Rated current	16 A (see page 62)



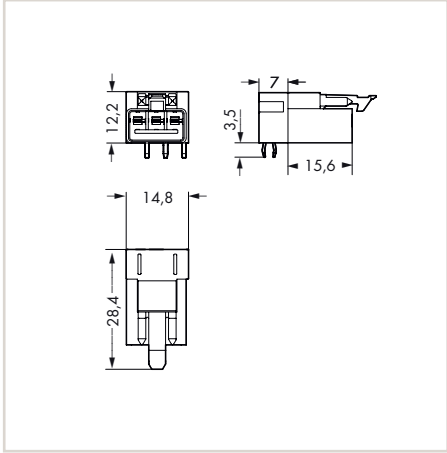
Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
gray	890-843/011-000	100
light green	890-863/011-000	100
pink	890-883/011-000	100



Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
gray	890-853/011-000	100
light green	890-873/011-000	100
pink	890-893/011-000	100

Coding	Marking	Color
B	1 2 3	gray
B	1 2 3	light green
B	1 2 3	pink

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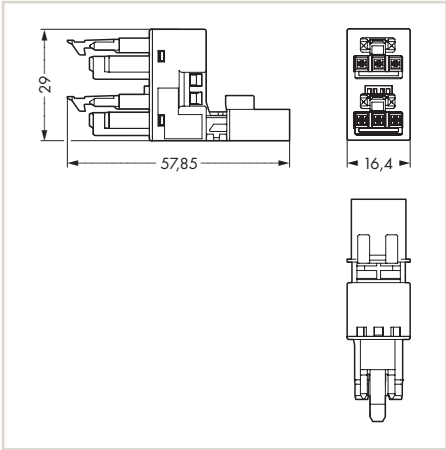
Distribution Connectors, 3-Pole

890 Series

Rated voltage	250 V
Rated current	16 A (see page 62)



Dimensions (in mm):



h-distribution connector, unidirectional, plug/socket – socket		
Color	Item No.	Pack. Unit
gray	890-1661	50
light green	890-1662	50
pink	890-1663	50

h-distribution connector, unidirectional, plug/socket – socket, for “flying leads,” with 3rd locking lever		
Color	Item No.	Pack. Unit
gray	890-1761	50
light green	890-1762	50
pink	890-1763	50

Additional pole marking available upon request.

890 Series Accessories,
see page 340

Approvals,
see www.wago.com

Coding Overview,
see page 362

Coding	Marking	Color
B	1 2 3	gray
B	1 2 3	light green
B	1 2 3	pink

WINSTA® MINI special

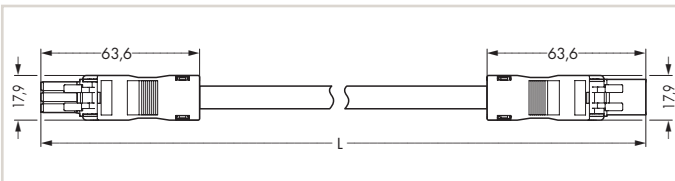
Cable Assemblies, 3 x 1 mm², PVC

891 Series

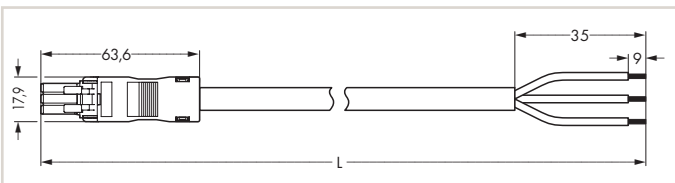
2



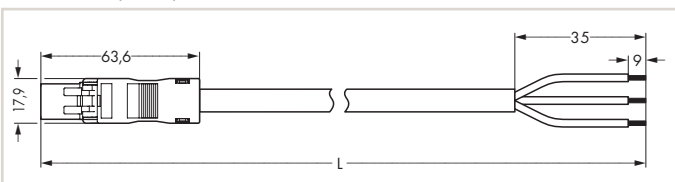
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	891-8993/005-103	891-8993/005-105	891-8993/005-107	1
2 m	891-8993/005-203	891-8993/005-205	891-8993/005-207	1
3 m	891-8993/005-303	891-8993/005-305	891-8993/005-307	1
4 m	891-8993/005-403	891-8993/005-405	891-8993/005-407	1
5 m	891-8993/005-503	891-8993/005-505	891-8993/005-507	1
6 m	891-8993/005-603	891-8993/005-605	891-8993/005-607	1
7 m	891-8993/005-703	891-8993/005-705	891-8993/005-707	1
8 m	891-8993/005-803	891-8993/005-805	891-8993/005-807	1

Connecting cable,
socket – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	891-8993/105-103	891-8993/105-105	891-8993/105-107	1
2 m	891-8993/105-203	891-8993/105-205	891-8993/105-207	1
3 m	891-8993/105-303	891-8993/105-305	891-8993/105-307	1
4 m	891-8993/105-403	891-8993/105-405	891-8993/105-407	1
5 m	891-8993/105-503	891-8993/105-505	891-8993/105-507	1
6 m	891-8993/105-603	891-8993/105-605	891-8993/105-607	1
7 m	891-8993/105-703	891-8993/105-705	891-8993/105-707	1
8 m	891-8993/105-803	891-8993/105-805	891-8993/105-807	1

Connecting cable,
plug – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	891-8993/205-103	891-8993/205-105	891-8993/205-107	1
2 m	891-8993/205-203	891-8993/205-205	891-8993/205-207	1
3 m	891-8993/205-303	891-8993/205-305	891-8993/205-307	1
4 m	891-8993/205-403	891-8993/205-405	891-8993/205-407	1
5 m	891-8993/205-503	891-8993/205-505	891-8993/205-507	1
6 m	891-8993/205-603	891-8993/205-605	891-8993/205-607	1
7 m	891-8993/205-703	891-8993/205-705	891-8993/205-707	1
8 m	891-8993/205-803	891-8993/205-805	891-8993/205-807	1

Additional cable lengths and pole marking are available upon request.

891 Series Accessories,
see page 340

Approvals,
see www.wago.com

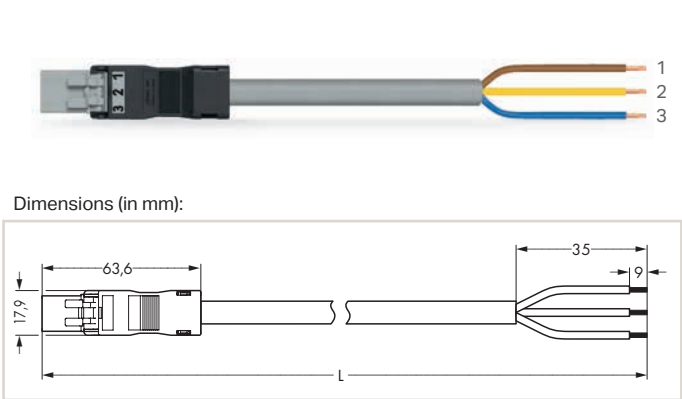
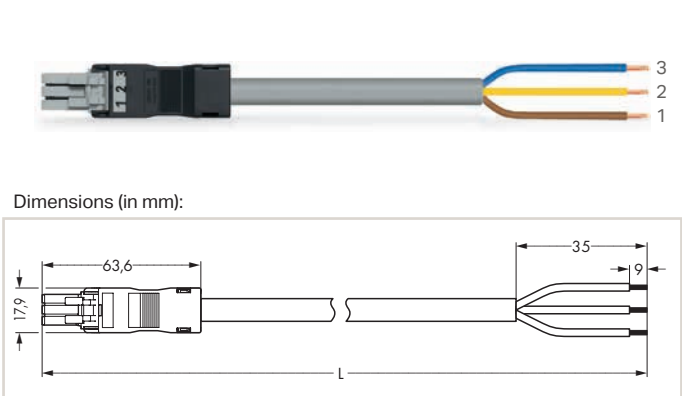
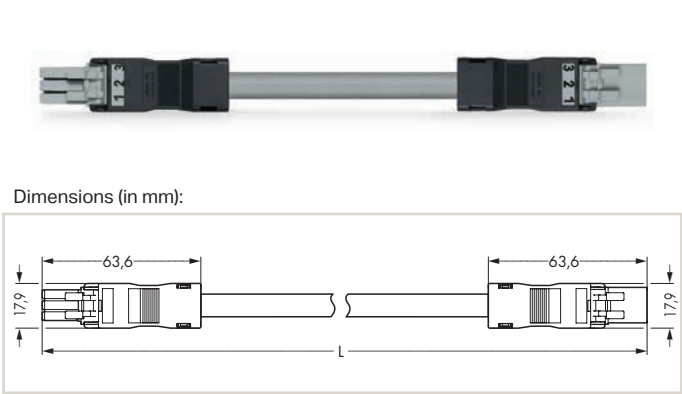
Coding Overview,
see page 362

Coding	Marking	Color
B	1 2 3	gray
B	1 2 3	light green
B	1 2 3	pink

WINSTA® MINI special

Cable Assemblies, 3 x 1.5 mm², PVC

891 Series



Rated voltage	250 V
Rated current	16 A (see page 62)
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8993/006-103	891-8993/006-105	891-8993/006-107	1
2 m	891-8993/006-203	891-8993/006-205	891-8993/006-207	1
3 m	891-8993/006-303	891-8993/006-305	891-8993/006-307	1
4 m	891-8993/006-403	891-8993/006-405	891-8993/006-407	1
5 m	891-8993/006-503	891-8993/006-505	891-8993/006-507	1
6 m	891-8993/006-603	891-8993/006-605	891-8993/006-607	1
7 m	891-8993/006-703	891-8993/006-705	891-8993/006-707	1
8 m	891-8993/006-803	891-8993/006-805	891-8993/006-807	1

Connecting cable, socket – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8993/106-103	891-8993/106-105	891-8993/106-107	1
2 m	891-8993/106-203	891-8993/106-205	891-8993/106-207	1
3 m	891-8993/106-303	891-8993/106-305	891-8993/106-307	1
4 m	891-8993/106-403	891-8993/106-405	891-8993/106-407	1
5 m	891-8993/106-503	891-8993/106-505	891-8993/106-507	1
6 m	891-8993/106-603	891-8993/106-605	891-8993/106-607	1
7 m	891-8993/106-703	891-8993/106-705	891-8993/106-707	1
8 m	891-8993/106-803	891-8993/106-805	891-8993/106-807	1

Connecting cable, plug – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8993/206-103	891-8993/206-105	891-8993/206-107	1
2 m	891-8993/206-203	891-8993/206-205	891-8993/206-207	1
3 m	891-8993/206-303	891-8993/206-305	891-8993/206-307	1
4 m	891-8993/206-403	891-8993/206-405	891-8993/206-407	1
5 m	891-8993/206-503	891-8993/206-505	891-8993/206-507	1
6 m	891-8993/206-603	891-8993/206-605	891-8993/206-607	1
7 m	891-8993/206-703	891-8993/206-705	891-8993/206-707	1
8 m	891-8993/206-803	891-8993/206-805	891-8993/206-807	1

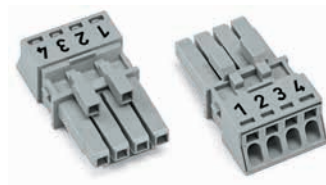
Coding	Marking	Color
B	1 2 3	gray
B	1 2 3	light green
B	1 2 3	pink

WINSTA® MINI special

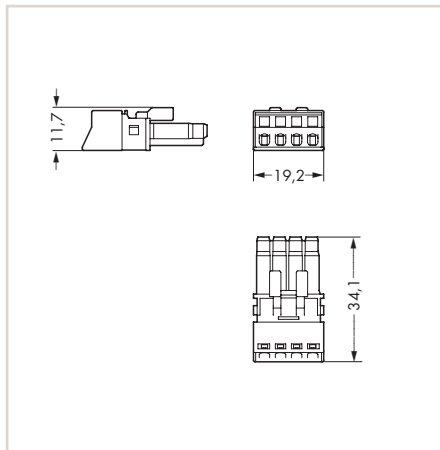
Sockets and Plugs, 4-Pole

890 Series

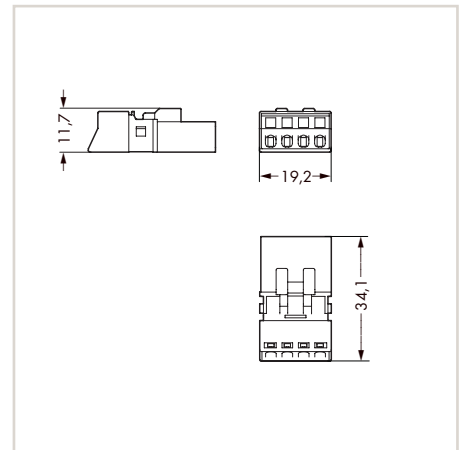
Conductor range	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Rated voltage	400 V
Rated current	16 A (see page 62)
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Socket, without strain relief housing			Plug, without strain relief housing		
Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
gray	890-244	50	gray	890-254	50
gray	890-244/060-000	50	gray	890-254/060-000	50
gray	890-244/061-000	50	gray	890-254/061-000	50
gray	890-244/062-000	50	gray	890-254/062-000	50
light green	890-264	50	light green	890-274	50
light green	890-264/071-000	50	light green	890-274/071-000	50
light green	890-264/072-000	50	light green	890-274/072-000	50
light green	890-264/073-000	50	light green	890-274/073-000	50
pink	890-284	50	pink	890-294	50
pink	890-284/081-000	50	pink	890-294/081-000	50

Additional pole marking available upon request.

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories,
see page 340

Approvals,
see www.wago.com

Coding Overview,
see page 362

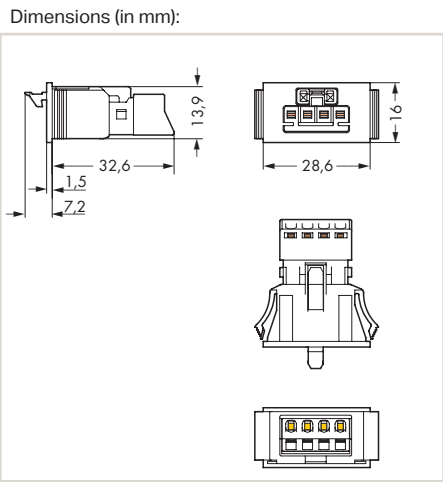
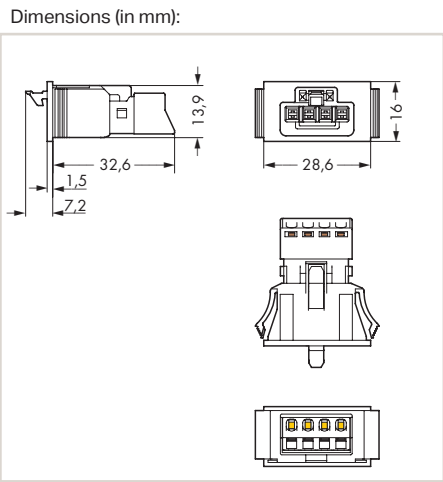
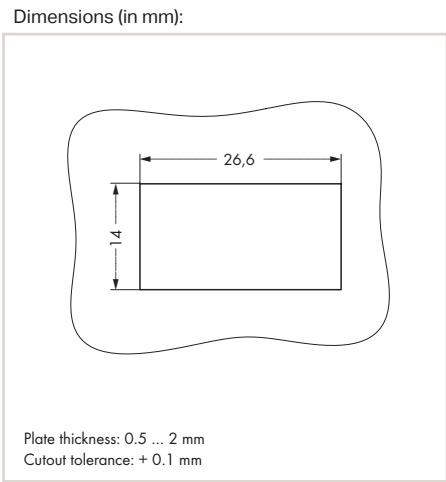
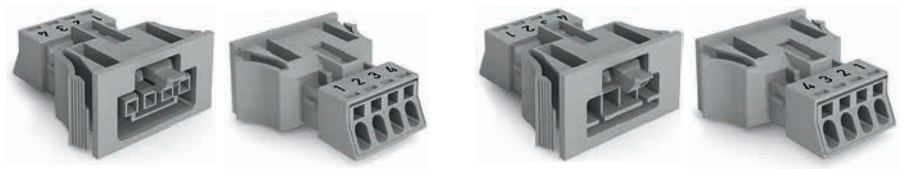
Coding	Marking	Suffix No.	Color
B	1 2 3 4		gray
B	N ⊕ 2L 1L	/060-000	gray
B	3 PE 2 1	/062-000	gray
B	2L ⊕ 1L L	/064-000	gray
B	1 2 3 4		light green
B	U- S U+ X/Y	/071-000	light green
B	U- U+ DI AI	/072-000	light green
B	1 ⊕ 2 3	/073-000	light green
B	1 2 3 4		pink
B	1 2 5 3	/081-000	pink

WINSTA® MINI special

Snap-In Sockets and Plugs, 4-Pole

890 Series

Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	400 V
Rated current	16 A (see page 62)
Strip length	9 mm / 0.35 inch



Socket		
Color	Item No.	Pack. Unit
gray	890-744	50
gray	890-744/060-000	50
gray	890-744/061-000	50
gray	890-744/062-000	50
light green	890-764	50
light green	890-764/071-000	50
light green	890-764/072-000	50
light green	890-764/073-000	50
pink	890-784	50
pink	890-784/081-000	50

Plug		
Color	Item No.	Pack. Unit
gray	890-754	50
gray	890-754/060-000	50
gray	890-754/061-000	50
gray	890-754/062-000	50
light green	890-774	50
light green	890-774/071-000	50
light green	890-774/072-000	50
light green	890-774/073-000	50
pink	890-794	50
pink	890-794/081-000	50

Coding	Marking	Suffix No.	Color
B	1 2 3 4		gray
B	N ⊕ 2L 1L	/060-000	gray
B	3 PE 2 1	/062-000	gray
B	2L ⊕ 1L L	/064-000	gray
B	1 2 3 4		light green
B	U- S U+ X/Y	/071-000	light green
B	U- U+ DI AI	/072-000	light green
B	1 ⊕ 2 3	/073-000	light green
B	1 2 3 4		pink
B	1 2 5 3	/081-000	pink

WINSTA® MINI special

Pluggable PCB Connectors, 4-Pole

890 Series

Rated voltage

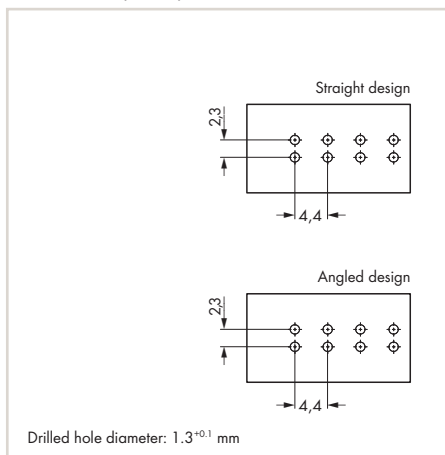
250 V

Rated current

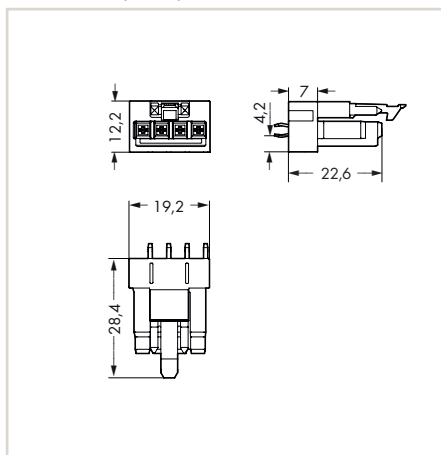
16 A (see page 62)



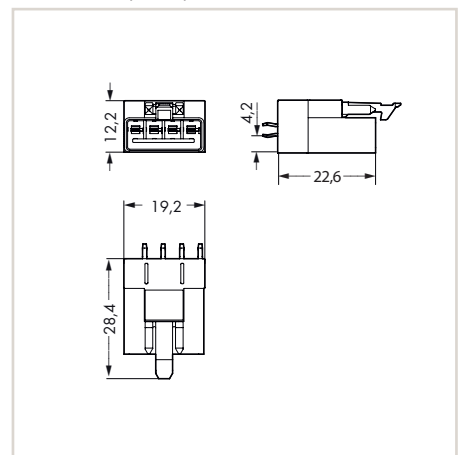
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):

**Socket, straight**

Color	Item No.	Pack. Unit
gray	890-844	100
light green	890-864	100
pink	890-884	100

Plug, straight

Color	Item No.	Pack. Unit
gray	890-854	100
light green	890-874	100
pink	890-894	100

Additional pole marking available upon request.

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories, see page 340

Approvals, see www.wago.com

Coding Overview, see page 362

Coding

B

B

B

Marking

1 2 3 4

1 2 3 4

1 2 3 4

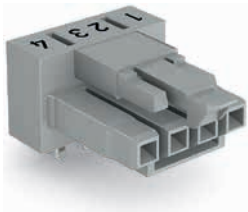
Color

gray

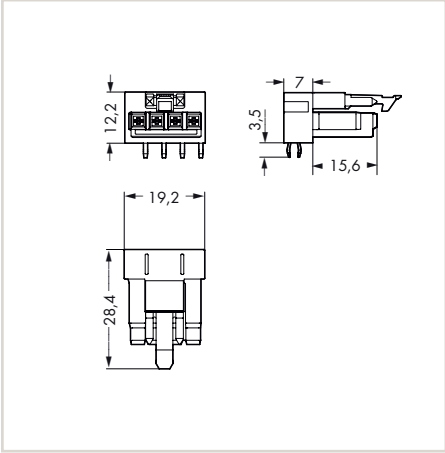
light green

pink

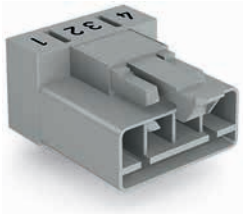
Rated voltage	250 V
Rated current	16 A (see page 62)



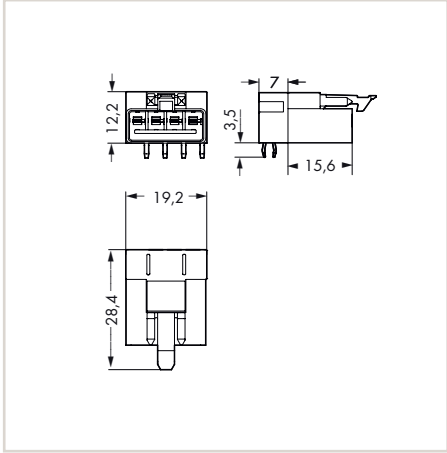
Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
gray	890-844/011-000	100
light green	890-864/011-000	100
pink	890-884/011-000	100



Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
gray	890-854/011-000	100
light green	890-874/011-000	100
pink	890-894/011-000	100

Coding	Marking	Color
B	1 2 3 4	gray
B	1 2 3 4	light green
B	1 2 3 4	pink

WINSTA® MINI special

Distribution Connectors, 4-Pole

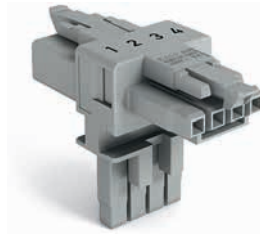
890 Series

Rated voltage

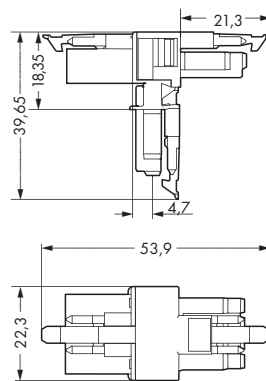
400 V

Rated current

16 A (see page 62)



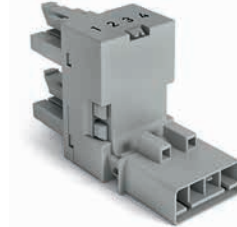
Dimensions (in mm):

T-distribution connector,
1 x plug/2 x socket

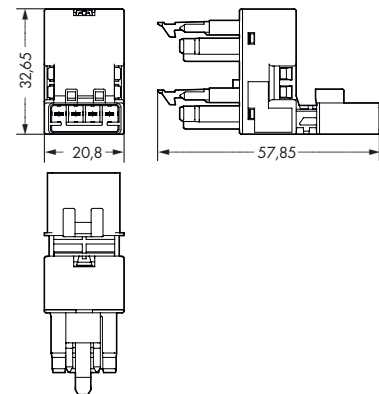
Color	Item No.	Pack. Unit
gray	890-1631	50
light green	890-1632	50
pink	890-1633	50

T-distribution connector,
1 x plug/2 x socket,
for "flying leads,"
with 3rd locking lever

Color	Item No.	Pack. Unit
gray	890-1731	50
light green	890-1732	50
pink	890-1733	50



Dimensions (in mm):

h-distribution connector, unidirectional,
plug/socket – socket

Color	Item No.	Pack. Unit
gray	890-1681	50
light green	890-1682	50
pink	890-1683	50

h-distribution connector, unidirectional,
plug/socket – socket,
for "flying leads,"
with 3rd locking lever

Color	Item No.	Pack. Unit
gray	890-1781	50
light green	890-1782	50
pink	890-1783	50

Additional pole marking available upon request.

 890 Series Accessories,
see page 340

 Approvals,
see www.wago.com

 Coding Overview,
see page 362

Coding

B

B

B

Marking

1 2 3 4

1 2 3 4

1 2 3 4

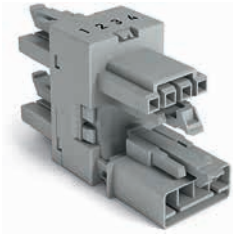
Color

gray

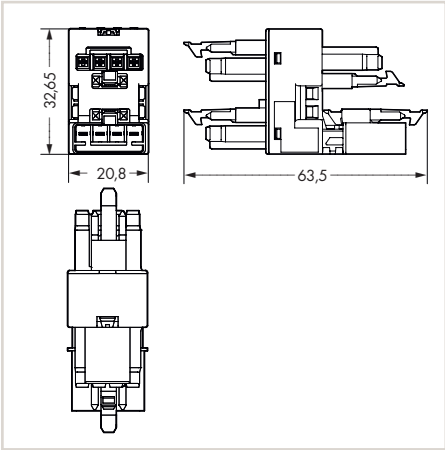
light green

pink

Rated voltage	400 V
Rated current	16 A (see page 62)



Dimensions (in mm):



Distribution connector, 3-way,
1 x plug/3 x socket

Color	Item No.	Pack. Unit
gray	890-1734	50
light green	890-1735	50
pink	890-1736	50

Coding	Marking	Color
B	1 2 3 4	gray
B	1 2 3 4	light green
B	1 2 3 4	pink

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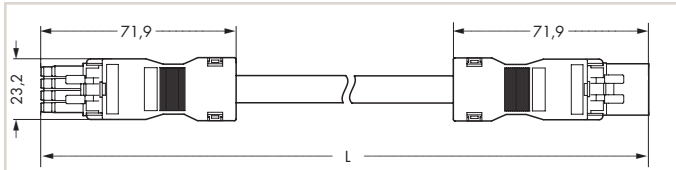
Cable Assemblies, 4 x 1 mm², PVC

891 Series

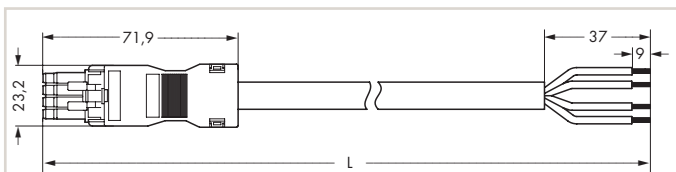
2



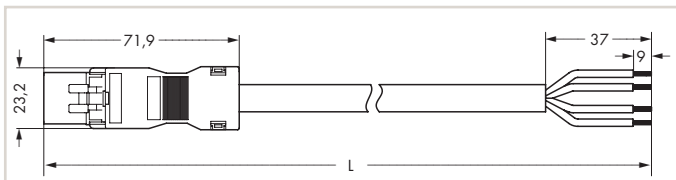
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	400 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	891-8994/005-103	891-8994/005-105	891-8994/005-107	1
2 m	891-8994/005-203	891-8994/005-205	891-8994/005-207	1
3 m	891-8994/005-303	891-8994/005-305	891-8994/005-307	1
4 m	891-8994/005-403	891-8994/005-405	891-8994/005-407	1
5 m	891-8994/005-503	891-8994/005-505	891-8994/005-507	1
6 m	891-8994/005-603	891-8994/005-605	891-8994/005-607	1
7 m	891-8994/005-703	891-8994/005-705	891-8994/005-707	1
8 m	891-8994/005-803	891-8994/005-805	891-8994/005-807	1

Connecting cable,
socket – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	891-8994/105-103	891-8994/105-105	891-8994/105-107	1
2 m	891-8994/105-203	891-8994/105-205	891-8994/105-207	1
3 m	891-8994/105-303	891-8994/105-305	891-8994/105-307	1
4 m	891-8994/105-403	891-8994/105-405	891-8994/105-407	1
5 m	891-8994/105-503	891-8994/105-505	891-8994/105-507	1
6 m	891-8994/105-603	891-8994/105-605	891-8994/105-607	1
7 m	891-8994/105-703	891-8994/105-705	891-8994/105-707	1
8 m	891-8994/105-803	891-8994/105-805	891-8994/105-807	1

Connecting cable,
plug – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	891-8994/205-103	891-8994/205-105	891-8994/205-107	1
2 m	891-8994/205-203	891-8994/205-205	891-8994/205-207	1
3 m	891-8994/205-303	891-8994/205-305	891-8994/205-307	1
4 m	891-8994/205-403	891-8994/205-405	891-8994/205-407	1
5 m	891-8994/205-503	891-8994/205-505	891-8994/205-507	1
6 m	891-8994/205-603	891-8994/205-605	891-8994/205-607	1
7 m	891-8994/205-703	891-8994/205-705	891-8994/205-707	1
8 m	891-8994/205-803	891-8994/205-805	891-8994/205-807	1

Additional cable lengths and pole marking are available upon request.

891 Series Accessories,
see page 340

Approvals,
see www.wago.com

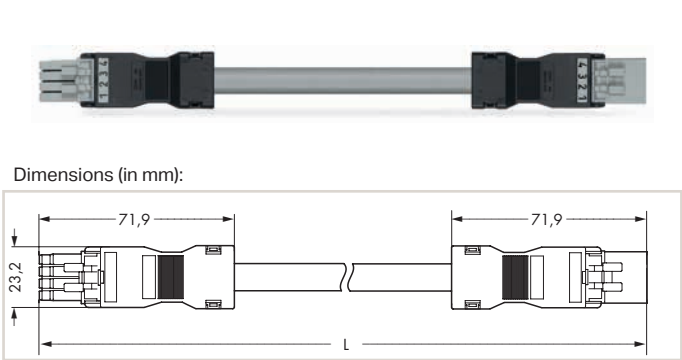
Coding Overview,
see page 362

Coding	Marking	Color
B	1 2 3 4	gray
B	1 2 3 4	light green
B	1 2 3 4	pink

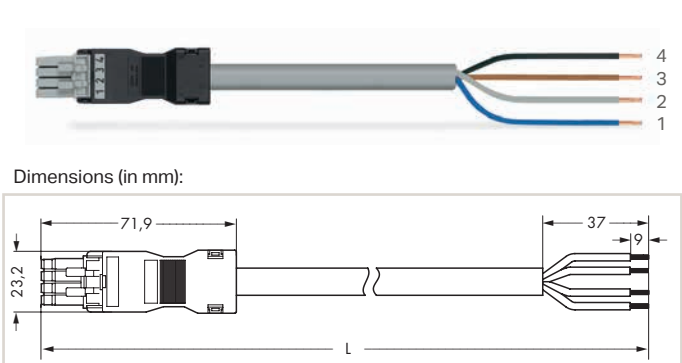
WINSTA® MINI special

Cable Assemblies, 4 x 1.5 mm², PVC

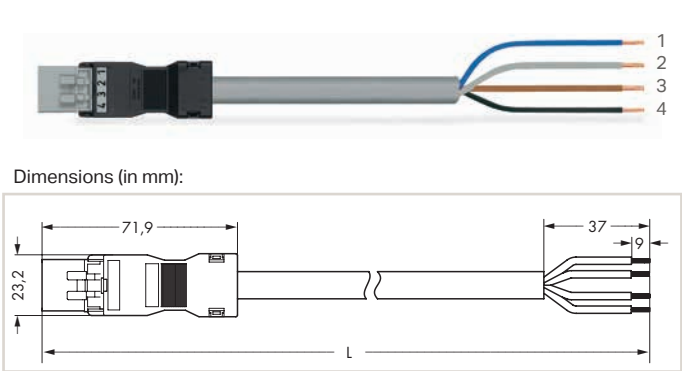
891 Series



Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):

Rated voltage	400 V
Rated current	16 A (see page 62)
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8994/006-103	891-8994/006-105	891-8994/006-107	1
2 m	891-8994/006-203	891-8994/006-205	891-8994/006-207	1
3 m	891-8994/006-303	891-8994/006-305	891-8994/006-307	1
4 m	891-8994/006-403	891-8994/006-405	891-8994/006-407	1
5 m	891-8994/006-503	891-8994/006-505	891-8994/006-507	1
6 m	891-8994/006-603	891-8994/006-605	891-8994/006-607	1
7 m	891-8994/006-703	891-8994/006-705	891-8994/006-707	1
8 m	891-8994/006-803	891-8994/006-805	891-8994/006-807	1

Connecting cable, socket – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8994/106-103	891-8994/106-105	891-8994/106-107	1
2 m	891-8994/106-203	891-8994/106-205	891-8994/106-207	1
3 m	891-8994/106-303	891-8994/106-305	891-8994/106-307	1
4 m	891-8994/106-403	891-8994/106-405	891-8994/106-407	1
5 m	891-8994/106-503	891-8994/106-505	891-8994/106-507	1
6 m	891-8994/106-603	891-8994/106-605	891-8994/106-607	1
7 m	891-8994/106-703	891-8994/106-705	891-8994/106-707	1
8 m	891-8994/106-803	891-8994/106-805	891-8994/106-807	1

Connecting cable, plug – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8994/206-103	891-8994/206-105	891-8994/206-107	1
2 m	891-8994/206-203	891-8994/206-205	891-8994/206-207	1
3 m	891-8994/206-303	891-8994/206-305	891-8994/206-307	1
4 m	891-8994/206-403	891-8994/206-405	891-8994/206-407	1
5 m	891-8994/206-503	891-8994/206-505	891-8994/206-507	1
6 m	891-8994/206-603	891-8994/206-605	891-8994/206-607	1
7 m	891-8994/206-703	891-8994/206-705	891-8994/206-707	1
8 m	891-8994/206-803	891-8994/206-805	891-8994/206-807	1

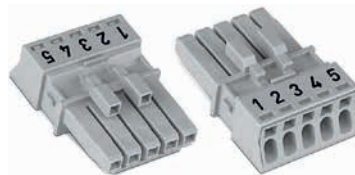
Coding	Marking	Color
B	1 2 3 4	gray
B	1 2 3 4	light green
B	1 2 3 4	pink

WINSTA® MINI special

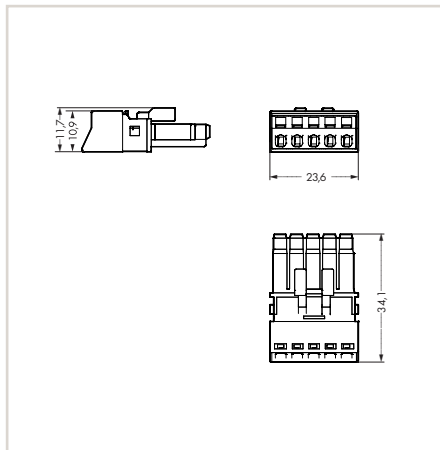
Sockets and Plugs, 5-Pole

890 Series

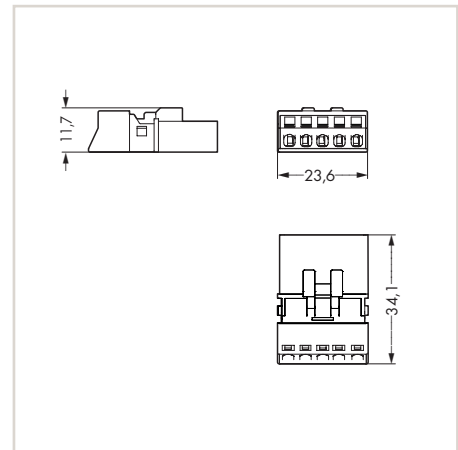
Conductor range	0.25 ... 1.5 mm ² / 22 ... 16 AWG
Rated voltage	400 V
Rated current	16 A (see page 62)
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
gray	890-245	50
gray	890-245/060-000	50
gray	890-245/062-000	50
light green	890-265	50
light green	890-265/073-000	50
pink	890-285	50
pink	890-285/080-000	50
pink	890-285/082-000	50

Plug, without strain relief housing		
Color	Item No.	Pack. Unit
gray	890-255	50
gray	890-255/060-000	50
gray	890-255/062-000	50
light green	890-275	50
light green	890-275/073-000	50
pink	890-295	50
pink	890-295/080-000	50
pink	890-295/082-000	50

Additional pole marking available upon request.

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories, see page 340

Approvals, see www.wago.com

Coding Overview, see page 362

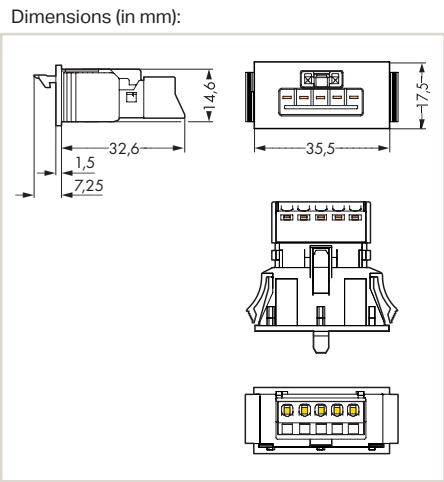
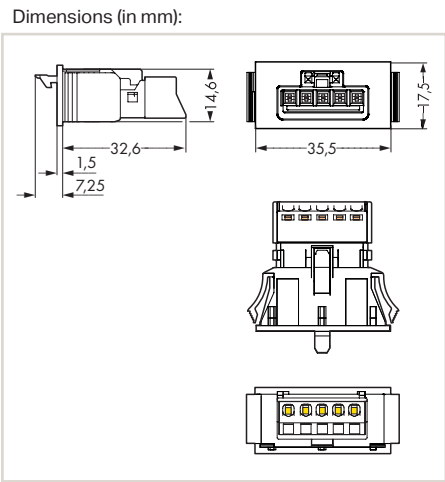
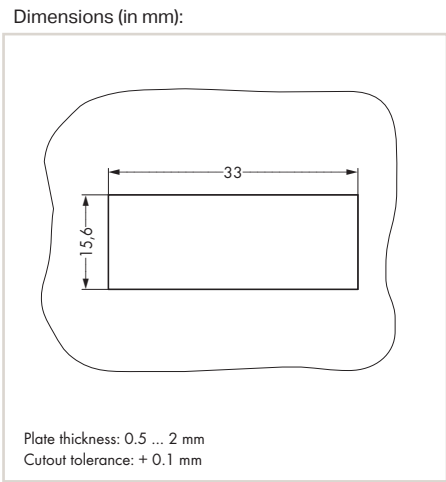
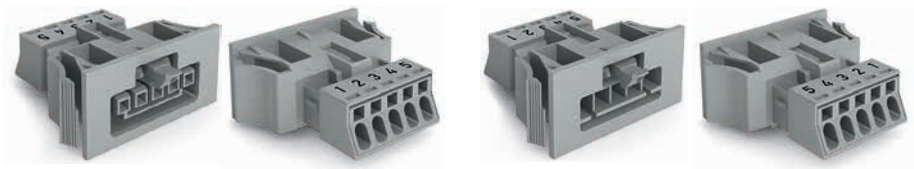
Coding	Marking	Suffix No.	Color
B	1 2 3 4 5		gray
B	N ⊕ L1 L2 L3	/060-000	gray
B	N PE 3 2 1	/062-000	gray
B	1 2 3 4 5		light green
B	1 ⊕ 2 3 4	/073-000	light green
B	1 2 3 4 5		pink
B	N ⊕ L I- I+	/080-000	pink
B	N ⊕ L - +	/082-000	pink

WINSTA® MINI special

Snap-In Sockets and Plugs, 5-Pole

890 Series

Conductor range	0.25 ... 1.5 mm² / 22 ... 16 AWG
Rated voltage	400 V
Rated current	16 A (see page 62)
Strip length	9 mm / 0.35 inch



Socket		
Color	Item No.	Pack. Unit
gray	890-745	50
gray	890-745/060-000	50
gray	890-745/062-000	50
light green	890-765	50
light green	890-765/073-000	50
pink	890-785	50
pink	890-785/080-000	50
pink	890-785/082-000	50

Plug		
Color	Item No.	Pack. Unit
gray	890-755	50
gray	890-755/060-000	50
gray	890-755/062-000	50
light green	890-775	50
light green	890-775/073-000	50
pink	890-795	50
pink	890-795/080-000	50
pink	890-795/082-000	50

Coding	Marking	Suffix No.	Color
B	1 2 3 4 5		gray
B	N Ⓢ L1 L2 L3	/060-000	gray
B	N PE 3 2 1	/062-000	gray
B	1 2 3 4 5		light green
B	1 Ⓢ 2 3 4	/073-000	light green
B	1 2 3 4 5		pink
B	N Ⓢ L I- I+	/080-000	pink
B	N Ⓢ L - +	/082-000	pink

WINSTA® MINI special

Pluggable PCB Connectors, 5-Pole

890 Series

Rated voltage

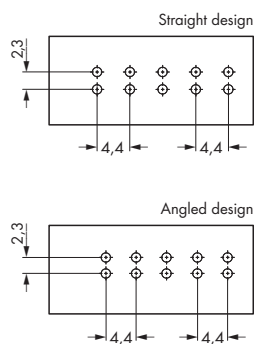
250 V

Rated current

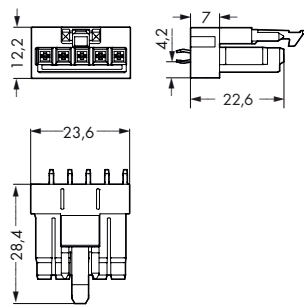
16 A (see page 62)



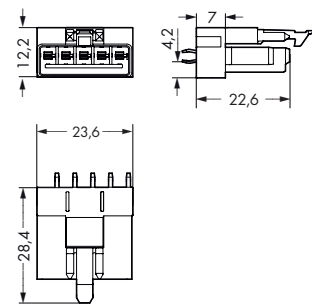
Dimensions (in mm):

Drilled hole diameter: 1.3^{+0.1} mm

Dimensions (in mm):



Dimensions (in mm):

**Socket, straight**

Color	Item No.	Pack. Unit
gray	890-845	100
light green	890-865	100
pink	890-885	100

Plug, straight

Color	Item No.	Pack. Unit
gray	890-855	100
light green	890-875	100
pink	890-895	100

Additional pole marking available upon request.

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

890 Series Accessories, see page 340

Approvals, see www.wago.com

Coding Overview, see page 362

Coding

B

B

B

Marking

1 2 3 4 5

1 2 3 4 5

1 2 3 4 5

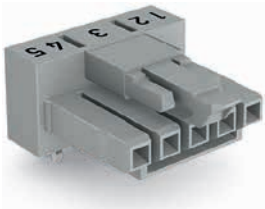
Color

gray

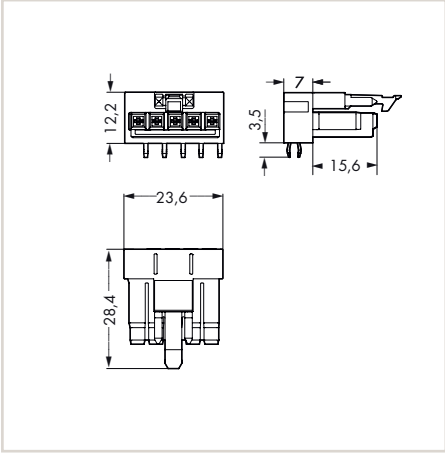
light green

pink

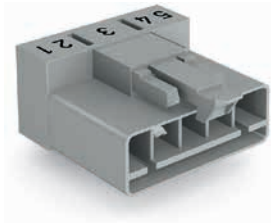
Rated voltage	250 V
Rated current	16 A (see page 62)



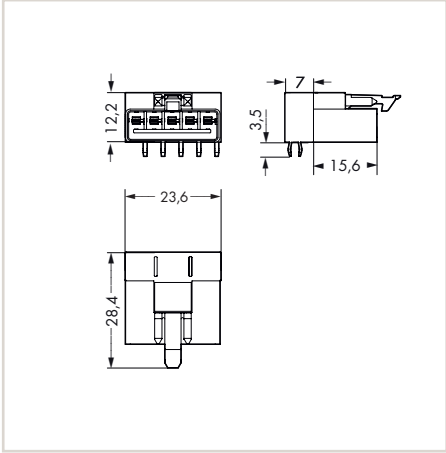
Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
gray	890-845/011-000	100
light green	890-865/011-000	100
pink	890-885/011-000	100



Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
gray	890-855/011-000	100
light green	890-875/011-000	100
pink	890-895/011-000	100

Coding	Marking	Color
B	1 2 3 4 5	gray
B	1 2 3 4 5	light green
B	1 2 3 4 5	pink

WINSTA® MINI special

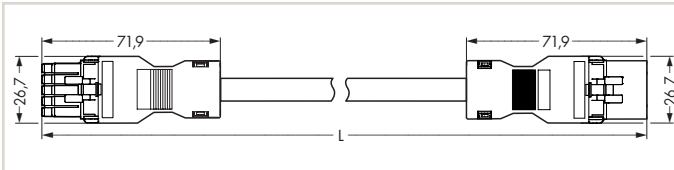
Cable Assemblies, 5 x 1 mm², PVC

891 Series

2



Dimensions (in mm):



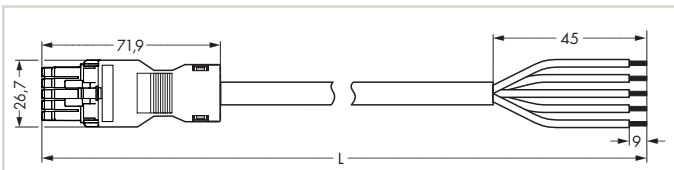
Rated voltage	400 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	891-8995/005-103	891-8995/005-105	891-8995/005-107	1
2 m	891-8995/005-203	891-8995/005-205	891-8995/005-207	1
3 m	891-8995/005-303	891-8995/005-305	891-8995/005-307	1
4 m	891-8995/005-403	891-8995/005-405	891-8995/005-407	1
5 m	891-8995/005-503	891-8995/005-505	891-8995/005-507	1
6 m	891-8995/005-603	891-8995/005-605	891-8995/005-607	1
7 m	891-8995/005-703	891-8995/005-705	891-8995/005-707	1
8 m	891-8995/005-803	891-8995/005-805	891-8995/005-807	1



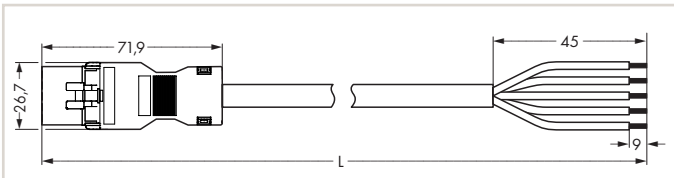
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	891-8995/105-103	891-8995/105-105	891-8995/105-107	1
2 m	891-8995/105-203	891-8995/105-205	891-8995/105-207	1
3 m	891-8995/105-303	891-8995/105-305	891-8995/105-307	1
4 m	891-8995/105-403	891-8995/105-405	891-8995/105-407	1
5 m	891-8995/105-503	891-8995/105-505	891-8995/105-507	1
6 m	891-8995/105-603	891-8995/105-605	891-8995/105-607	1
7 m	891-8995/105-703	891-8995/105-705	891-8995/105-707	1
8 m	891-8995/105-803	891-8995/105-805	891-8995/105-807	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	891-8995/205-103	891-8995/205-105	891-8995/205-107	1
2 m	891-8995/205-203	891-8995/205-205	891-8995/205-207	1
3 m	891-8995/205-303	891-8995/205-305	891-8995/205-307	1
4 m	891-8995/205-403	891-8995/205-405	891-8995/205-407	1
5 m	891-8995/205-503	891-8995/205-505	891-8995/205-507	1
6 m	891-8995/205-603	891-8995/205-605	891-8995/205-607	1
7 m	891-8995/205-703	891-8995/205-705	891-8995/205-707	1
8 m	891-8995/205-803	891-8995/205-805	891-8995/205-807	1

Additional cable lengths and pole marking are available upon request.

891 Series Accessories,
see page 340

Approvals,
see www.wago.com

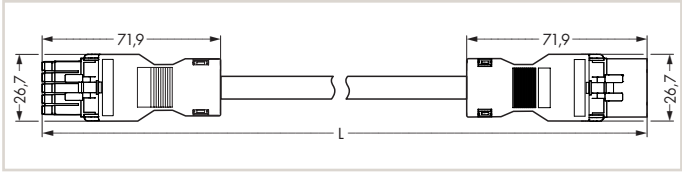
Coding Overview,
see page 362

Coding	Marking	Color
B	1 2 3 4 5	gray
B	1 2 3 4 5	light green
B	1 2 3 4 5	pink

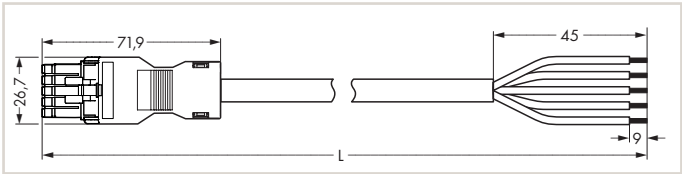
WINSTA® MINI special
Cable Assemblies, 5 x 1.5 mm², PVC
891 Series



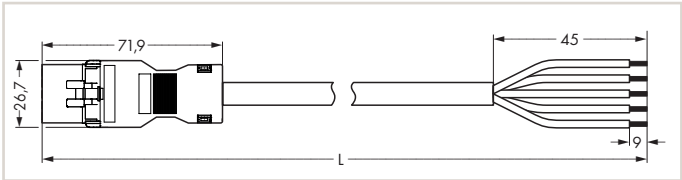
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



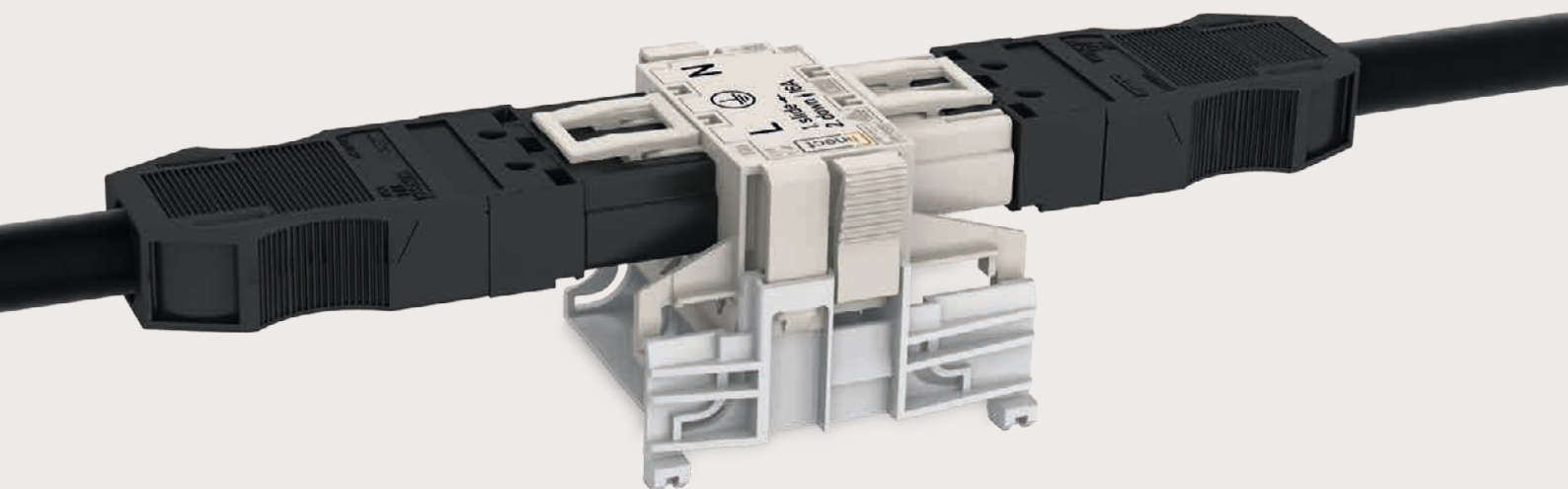
Rated voltage	400 V
Rated current	16 A (see page 62)
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8995/006-103	891-8995/006-105	891-8995/006-107	1
2 m	891-8995/006-203	891-8995/006-205	891-8995/006-207	1
3 m	891-8995/006-303	891-8995/006-305	891-8995/006-307	1
4 m	891-8995/006-403	891-8995/006-405	891-8995/006-407	1
5 m	891-8995/006-503	891-8995/006-505	891-8995/006-507	1
6 m	891-8995/006-603	891-8995/006-605	891-8995/006-607	1
7 m	891-8995/006-703	891-8995/006-705	891-8995/006-707	1
8 m	891-8995/006-803	891-8995/006-805	891-8995/006-807	1

Connecting cable, socket – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8995/106-103	891-8995/106-105	891-8995/106-107	1
2 m	891-8995/106-203	891-8995/106-205	891-8995/106-207	1
3 m	891-8995/106-303	891-8995/106-305	891-8995/106-307	1
4 m	891-8995/106-403	891-8995/106-405	891-8995/106-407	1
5 m	891-8995/106-503	891-8995/106-505	891-8995/106-507	1
6 m	891-8995/106-603	891-8995/106-605	891-8995/106-607	1
7 m	891-8995/106-703	891-8995/106-705	891-8995/106-707	1
8 m	891-8995/106-803	891-8995/106-805	891-8995/106-807	1

Connecting cable, plug – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	891-8995/206-103	891-8995/206-105	891-8995/206-107	1
2 m	891-8995/206-203	891-8995/206-205	891-8995/206-207	1
3 m	891-8995/206-303	891-8995/206-305	891-8995/206-307	1
4 m	891-8995/206-403	891-8995/206-405	891-8995/206-407	1
5 m	891-8995/206-503	891-8995/206-505	891-8995/206-507	1
6 m	891-8995/206-603	891-8995/206-605	891-8995/206-607	1
7 m	891-8995/206-703	891-8995/206-705	891-8995/206-707	1
8 m	891-8995/206-803	891-8995/206-805	891-8995/206-807	1

Coding	Marking	Color
B	1 2 3 4 5	gray
B	1 2 3 4 5	light green
B	1 2 3 4 5	pink



WINSTA® MIDI

WINSTA® MIDI

4 mm² / 25 A

770 / 771 Series

- Note:**
- Installation connectors are designed for connection and disconnection while not under load.
 - There is no hazard-inducing interchangeability with systems based on IEC 60309, IEC 60320, IEC 60906 and with national connector and socket systems.
 - Compliance with the standards (IEC 61535) does not guarantee hazard-preventing, non-interchangeability with installation connector systems from various manufacturers.
 - Installation connector systems are not a substitute for residential connector/socket systems.

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	Cable assemblies, 3-pole 150

WINSTA® MIDI

Technical Data, 2- to 5-Pole

770 / 771 Series



Connection Data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Solid conductor, push-in termination	1.5 ... 4 mm² / 16 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm² / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Fine-stranded conductor with uninsulated ferrule	0.25 ... 2.5 mm² / 20 ... 14 AWG
Fine-stranded conductor with insulated ferrule	0.25 ... 1.5 mm² / 20 ... 16 AWG
Strip length	9 mm / 0.35 inch (see also packaging or instructions)

Electrical Data

Rated voltage (III / 3)	
2-pole	250 V
3-pole	250 V
4-pole	400 V
5-pole	400 V
Rated surge voltage (III / 3)	
2-pole	4 kV
3-pole	4 kV
4-pole	6 kV
5-pole	6 kV
Rated current	
2-pole	25 A
3-pole	25 A
4-pole	25 A
5-pole	25 A
Clearances and Creepage Distances	≥ 5.5 mm to exposed surfaces
Contact resistance	approx. 1 mΩ contact resistance approx. 0.25 mΩ contact transition socket / plug
Number of potentials	
2-pole	2
3-pole	3
4-pole	4
5-pole	5
Number of connection points	
2-pole	4
3-pole	6
4-pole	8
5-pole	10 (5 for 1-conductor connection)

Mechanical Data

Mating cycles	200, without resistive load 100, with resistive load $I_N = 25$ A (4 mm²)
Mating forces	20 ... 70 N (depending on pole number)
Unmating forces	20 ... 70 N (depending on pole number) when unlocked
Retention forces	> 80 N (locked)
Cable diameter	
2-pole	7 ... 10.5 mm
3-pole	8 ... 11.5 mm
4-pole	9 ... 13 mm
5-pole	9 ... 13 mm
Protection type	IP2xC (with strain relief housing) Note: These compact connectors are not designed for use in open, easily accessible areas.
Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... ≤ +85 °C PVC cable ≤ +70 °C (incl. halogen-free) Insulating parts ≤ +105 °C

770 / 771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Mismatching Protection

- All WINSTA® components are 100 % protected against mismatching when:
- Plugging different number of poles
 - Plugging when rotated by 180°
 - Plugging when laterally staggered
 - Plugging one pole

Locking Levers

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for “flying leads” (plug/socket).

Material Data

Insulating parts	Polyamide (PA 66), halogen-free
Contacts	Copper or copper alloy, surface-treated
Clamping spring	Stainless steel (Cr-Ni)
Flammability class (per UL 94)	V0

Standards/Approvals

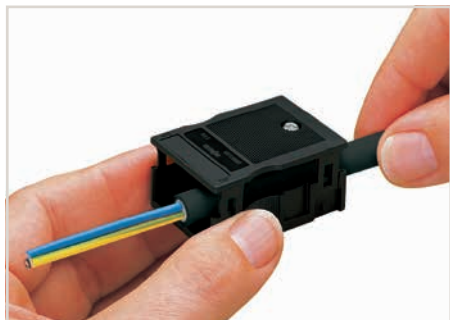
- UL (Depending on end-product standard, it **may** be necessary to use UL-approved cables with an appropriate AWG range. These cables are available upon request.)
- CCA certificate
- IEC 61535 (IEC 61984 for Linect®)
- LR
- GL
- DNV
- Specialty products for use in easily accessible areas are available (see page 148). These products meet IP 2XD protection class.

WINSTA® MIDI

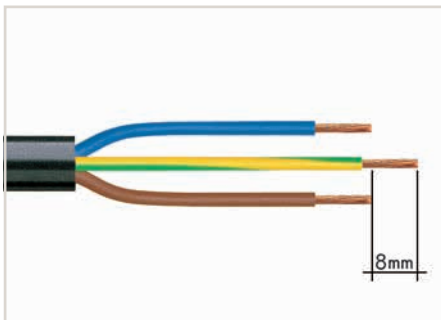
Installation

770 / 771 Series

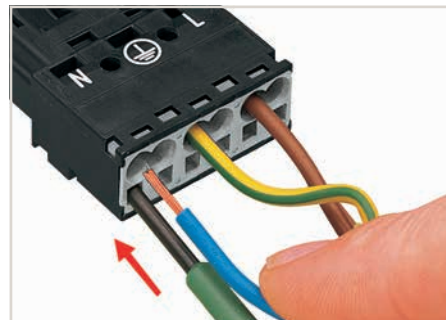
3



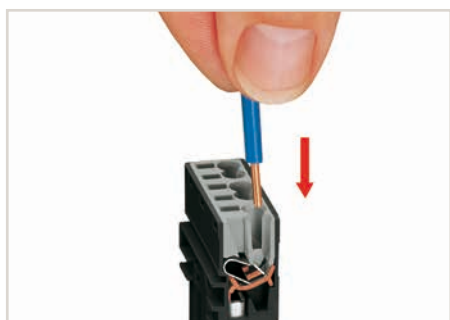
We recommend pulling the pre-latched strain relief housing over the cable prior to termination. However, the strain relief can be mounted at a later time as well.



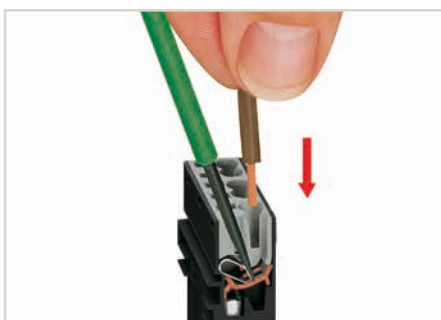
1. Strip length, outer insulation = x mm ❶
2. Strip length = 9 mm
3. Extended ground conductor = 8 mm



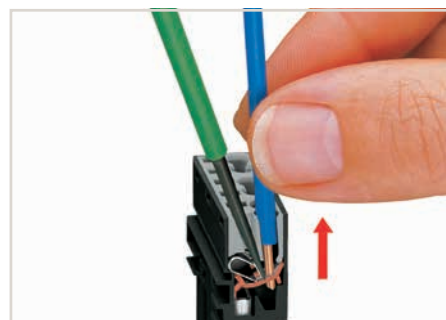
To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert stripped conductor until it hits backstop.



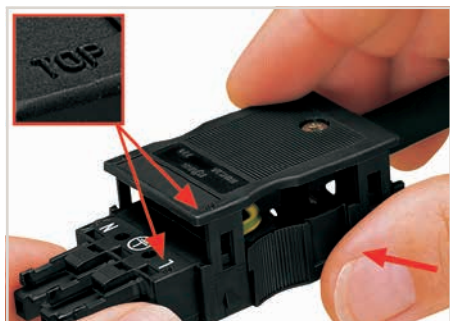
Insert stripped solid conductor until it hits backstop.



To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert stripped conductor until it hits backstop.



To remove the conductor, actuate the clamp via screwdriver (2.5 mm blade width) and pull out the conductor.



Latch the strain relief housing on the plug/socket. Note the "TOP" inscription.



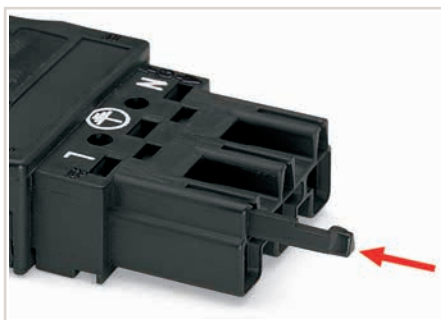
Prepare strain relief housing by snapping together upper and bottom part.



Tighten strain relief screw via screwdriver (2.5 mm blade width).



Simply cut off the coding pin from the socket.



Insert coding pin into plug (break first) until it engages.



Marking strain relief housing via WSB Quick Marking System.

❶ Strip length, outer insulation: 2-pole = 35 mm, 3- to 5-pole = 55 mm

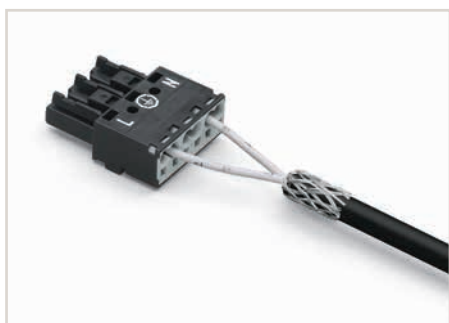


Connector with shield termination

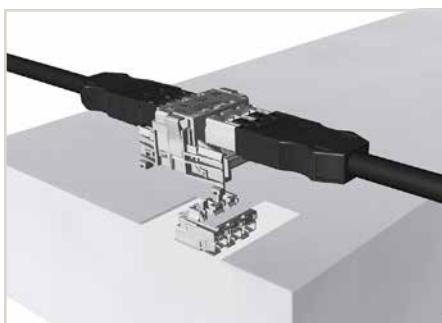


the light connection system

3



Apply the shield to the rubber cable.
Strip length, outer insulation = 55 mm
Shield length = 10 mm



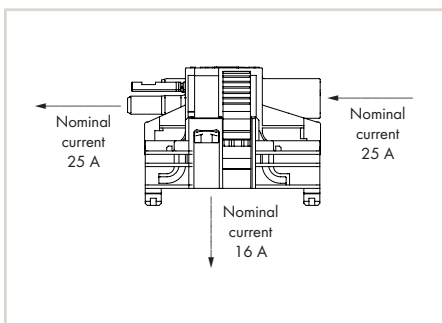
Connecting a T-connector to a 294 Series lighting connector.



Align the T-connector with the square cutouts.



Push the shield connecting plate into the connector until fully inserted.



Move the T-connector toward the square cutouts until it is locked in position.



First insert wired connector into strain relief housing, then snap cover and tighten screw.



Push down until fully engaged – done!

WINSTA® MIDI

Linect® T-Distribution Connectors, 2- and 3-Pole
770 Series

Rated voltage

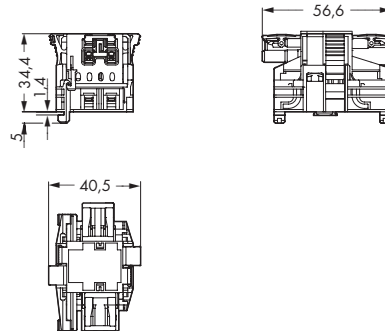
250 V

Rated current

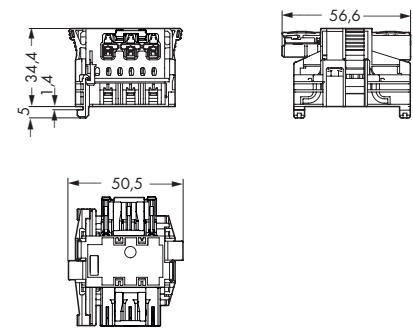
25 A (16 A)



Dimensions (in mm):



Dimensions (in mm):



Nominal current
25 A

Nominal current
16 A

Nominal current
25 A

Linect® T-connector,
socket – plug, for DALI applications,
white housing, blue cover,
for lighting connectors
294-8032

Color	Item No.	Pack. Unit
● blue	770-7102	20

Linect® T-connector,
socket – plug,
white housing, white cover,
for lighting connectors
294-8013 and 294-8113

Color	Item No.	Pack. Unit
○ white	770-6223	25

Linect® T-connector,
socket – plug, for DALI applications,
white housing, dark gray cover,
for lighting connectors
294-8022

Color	Item No.	Pack. Unit
● dark gray	770-7502	20

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

I

L

Marking

L ⊕ N

DA+ DA-

L' N'

Color

○ white

● blue

● dark gray

WINSTA® MIDI

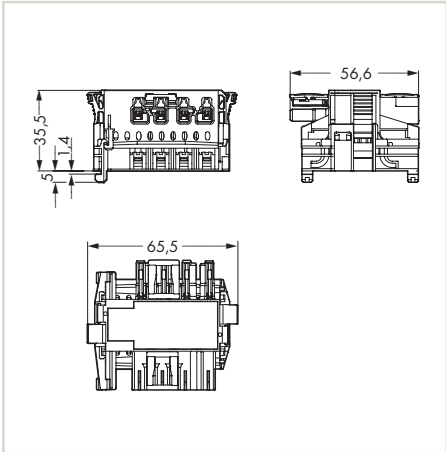
Linect® T-Distribution Connectors, 4- and 5-Pole

770 Series

Rated voltage	400 V
Rated current	25 A (16 A)



Dimensions (in mm):

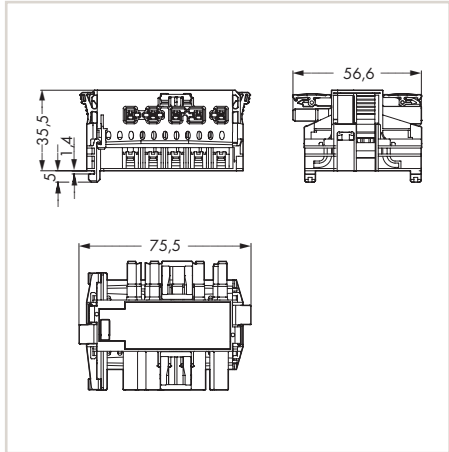


Linect® T-connector,
socket – plug,
white housing, white cover,
for lighting connectors
294-8024 and 294-8124

Color	Item No.	Pack. Unit
○ white	770-6224	25



Dimensions (in mm):



Linect® T-connector,
socket – plug,
white housing, white cover,
for lighting connectors
294-8015 and 294-8115

Color	Item No.	Pack. Unit
○ white	770-6225	25

Linect® T-connector,
socket – plug, for DALI applications,
white housing, blue cover,
for lighting connectors
294-8035 and 294-8135

Color	Item No.	Pack. Unit
● blue	770-7105	20

Linect® T-connector,
socket – plug,
white housing, dark gray cover
for lighting connectors
294-8025 and 294-8125

Color	Item No.	Pack. Unit
● dark gray	770-7505	20

Coding	Marking	Color
A	N ⊕ 2L 1L	○ white
A	N ⊕ L1 L2 L3	○ white
I	N ⊕ L DA+ DA-	● blue
L	N ⊕ L N' L'	● dark gray

WINSTA® MIDI

Sockets and Plugs, 2-Pole 770 Series



Snap on locking lever – observe direction (picture shows 3-pole plug).

Conductor range

0.5 ... 4 mm² / 20 ... 12 AWG

Rated voltage

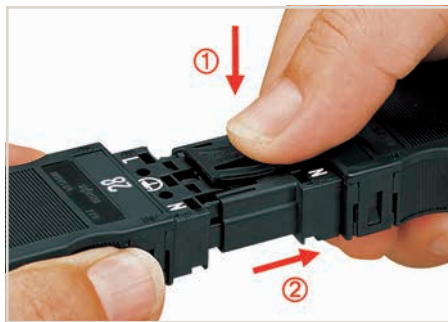
250 V

Rated current

25 A

Strip length

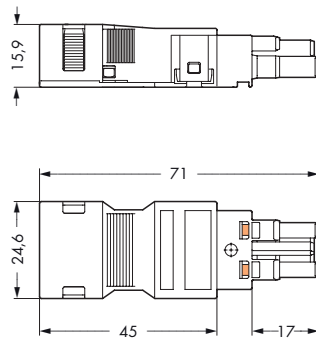
9 mm / 0.35 inch



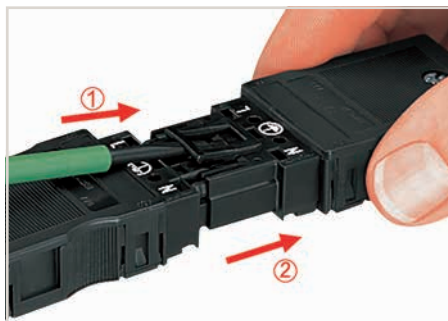
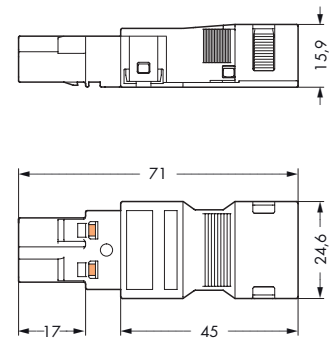
Locking lever, manually operated (picture shows 3-pole connectors):

- Push on locking lever.
- Pull apart the connectors.

Dimensions (in mm):



Dimensions (in mm):



Locking lever, tool operated (picture shows 3-pole connectors):

- Unlatch locking lever.
- Pull apart the connectors.

Socket, with strain relief housing, for one cable, 7 ... 10.5 mm cable diameter, 35 mm strip length

Color	Item No.	Pack. Unit
● black	770-102	25
○ white	770-122	25

Plug, with strain relief housing, for one cable, 7 ... 10.5 mm cable diameter, 35 mm strip length

Color	Item No.	Pack. Unit
● black	770-112	25
○ white	770-132	25

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

 770 Series Accessories, see page 343

 Approvals, see www.wago.com

 Coding Overview, see page 360

Coding

A

A

Marking

L N

L N

Color

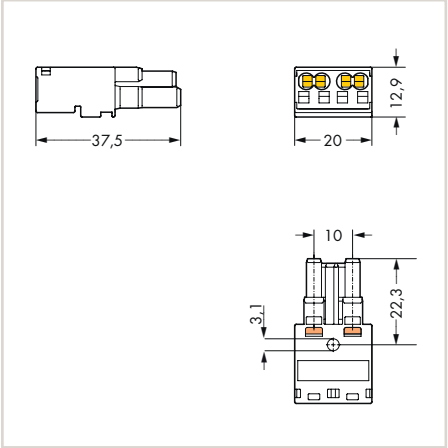
● black

○ white

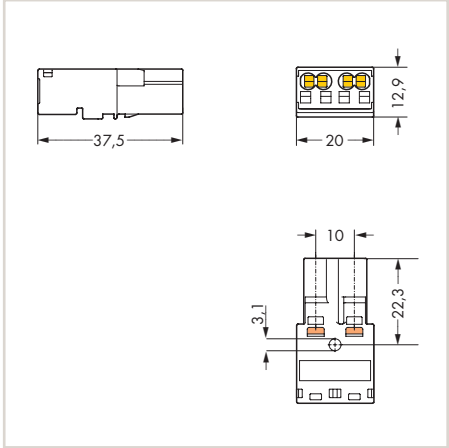
Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	250 V
Rated current	25 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
● black	770-202	100
○ white	770-222	100
● blue	770-1102	100
● dark gray	770-1162	100

Plug, without strain relief housing		
Color	Item No.	Pack. Unit
● black	770-212	100
○ white	770-232	100
● blue	770-1112	100
● dark gray	770-1172	100

Coding	Marking	Color
A	L N	● black
A	L N	○ white
I	DA+ DA-	● blue
L	L' N'	● dark gray

WINSTA® MIDI

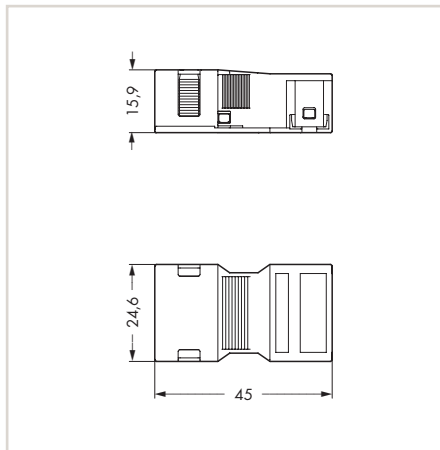
Strain Relief Housings for Different Cable Diameters, 2-Pole
770 Series

Snap-on type strain relief housings for:

- 2-pole sockets
- 2-pole plugs



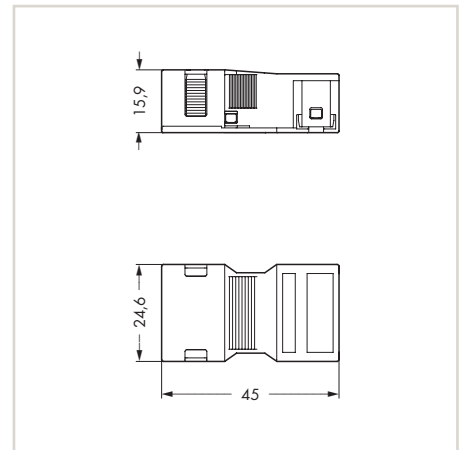
Dimensions (in mm):



Strain relief housing,
for one cable, 5 ... 9 mm cable diameter,
35 mm strip length

Color	Item No.	Pack. Unit
black	770-502/042-000	50
white	770-512/042-000	50

Dimensions (in mm):



Strain relief housing,
for one cable, 7 ... 10.5 mm cable diameter,
35 mm strip length

Color	Item No.	Pack. Unit
black	770-502/041-000	50
white	770-512/041-000	50

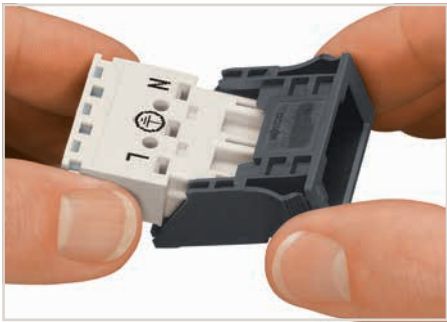
Marking strips,
see page 357

Approvals,
see www.wago.com

WINSTA® MIDI

Snap-In Frames, 2-Pole

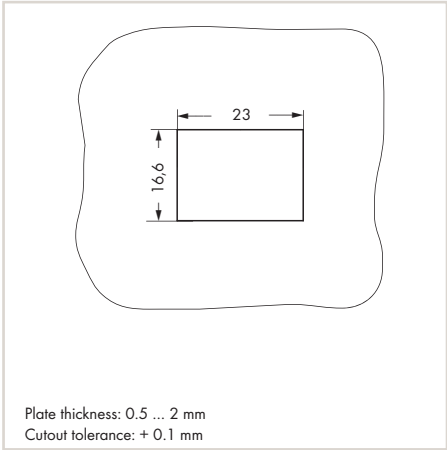
770 Series



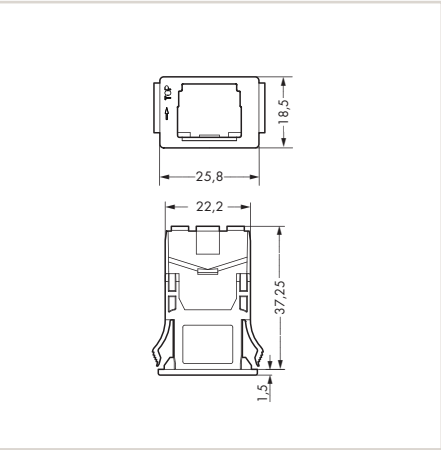
Insert the socket or plug into the frame (observe the "TOP" marking on the frame!), then snap the assembled unit into the cutout (picture shows a 3-pole connector).



Dimensions (in mm):



Dimensions (in mm):



Snap-in frame,
for 2-pole sockets and plugs

Color	Item No.	Pack. Unit
black	770-317	100
white	770-337	100

WINSTA® MIDI

Linect® T-Distribution Connectors and T-Connectors, 2-Pole
770 Series

Rated voltage

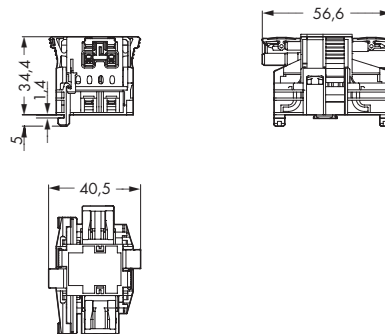
250 V

Rated current

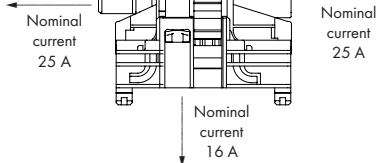
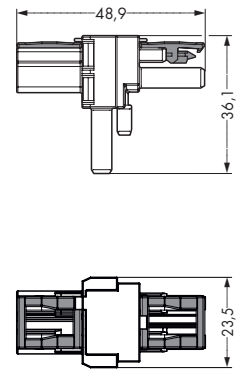
25 A



Dimensions (in mm):



Dimensions (in mm):



Linect® T-connector,
socket – plug, for DALI applications,
white housing, blue cover,
for lighting connectors
294-8032

Color	Item No.	Pack. Unit
● blue	770-7102	20

T-distribution connector,
1 x plug/2 x socket

Color	Item No.	Pack. Unit
● black	770-1606	50
○ white	770-1656	50

Linect® T-connector,
socket – plug, for DALI applications,
white housing, dark gray cover,
for lighting connectors
294-8022

Color	Item No.	Pack. Unit
● dark gray	770-7502	20

T-distribution connector,
1 x plug/2 x socket
for "flying leads," with 3rd locking lever

Color	Item No.	Pack. Unit
● black	770-1615	50
○ white	770-1665	50

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

I

L

Marking

L N

L N

DA+ DA-

L' N'

Color

● black

○ white

● blue

● dark gray

WINSTA® MIDI

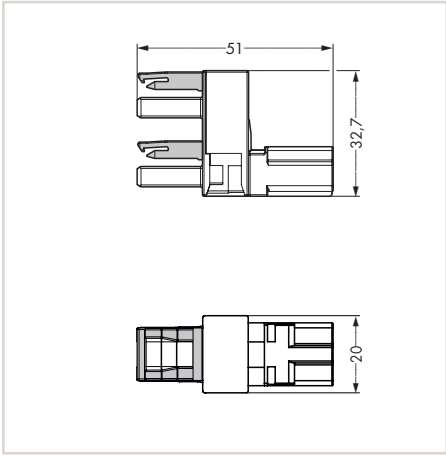
h-Distribution Connectors, 2-Pole

770 Series

Rated voltage	250 V
Rated current	25 A



Dimensions (in mm):



h-distribution connector, unidirectional,
plug/socket – socket

Color	Item No.	Pack. Unit
● black	770-1634	50
○ white	770-1684	50

h-distribution connector, unidirectional,
plug/socket – socket,
for “flying leads,”
with 3rd locking lever

Color	Item No.	Pack. Unit
● black	770-1636	50
○ white	770-1686	50

Coding	Marking	Color
A	L N	● black
A	L N	○ white

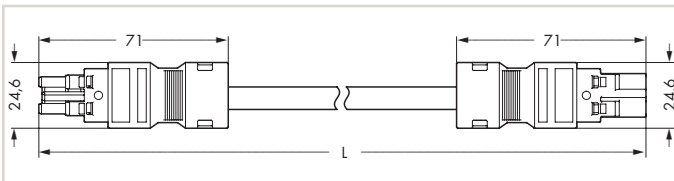
WINSTA® MIDI

Cable Assemblies, 2 x 1.5 mm², PVC

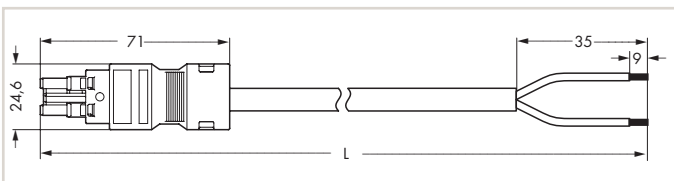
771 Series



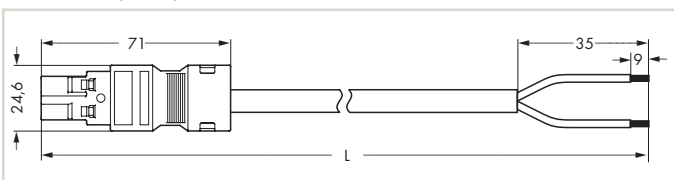
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-8992/006-101	771-8992/006-102	1
2 m	771-8992/006-201	771-8992/006-202	1
3 m	771-8992/006-301	771-8992/006-302	1
4 m	771-8992/006-401	771-8992/006-402	1
5 m	771-8992/006-501	771-8992/006-502	1
6 m	771-8992/006-601	771-8992/006-602	1
7 m	771-8992/006-701	771-8992/006-702	1
8 m	771-8992/006-801	771-8992/006-802	1

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-8992/106-101	771-8992/106-102	1
2 m	771-8992/106-201	771-8992/106-202	1
3 m	771-8992/106-301	771-8992/106-302	1
4 m	771-8992/106-401	771-8992/106-402	1
5 m	771-8992/106-501	771-8992/106-502	1
6 m	771-8992/106-601	771-8992/106-602	1
7 m	771-8992/106-701	771-8992/106-702	1
8 m	771-8992/106-801	771-8992/106-802	1

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-8992/206-101	771-8992/206-102	1
2 m	771-8992/206-201	771-8992/206-202	1
3 m	771-8992/206-301	771-8992/206-302	1
4 m	771-8992/206-401	771-8992/206-402	1
5 m	771-8992/206-501	771-8992/206-502	1
6 m	771-8992/206-601	771-8992/206-602	1
7 m	771-8992/206-701	771-8992/206-702	1
8 m	771-8992/206-801	771-8992/206-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding	Marking	Color
A	L N	● black
A	L N	○ white

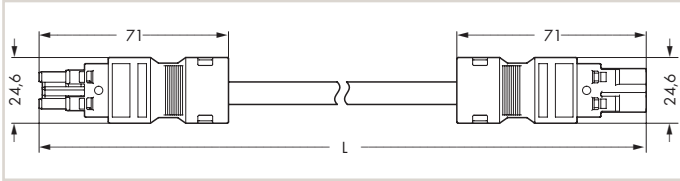
WINSTA® MIDI

Cable Assemblies, 2 x 1.5 mm², Halogen-Free

771 Series

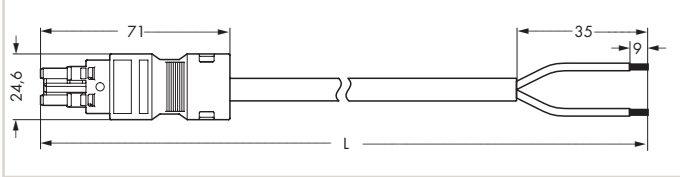


Dimensions (in mm):



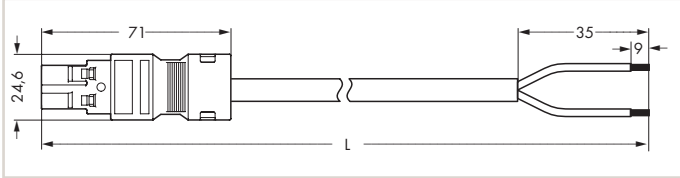


Dimensions (in mm):





Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8992/016-101	771-8992/016-102	1
2 m	771-8992/016-201	771-8992/016-202	1
3 m	771-8992/016-301	771-8992/016-302	1
4 m	771-8992/016-401	771-8992/016-402	1
5 m	771-8992/016-501	771-8992/016-502	1
6 m	771-8992/016-601	771-8992/016-602	1
7 m	771-8992/016-701	771-8992/016-702	1
8 m	771-8992/016-801	771-8992/016-802	1

Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8992/116-101	771-8992/116-102	1
2 m	771-8992/116-201	771-8992/116-202	1
3 m	771-8992/116-301	771-8992/116-302	1
4 m	771-8992/116-401	771-8992/116-402	1
5 m	771-8992/116-501	771-8992/116-502	1
6 m	771-8992/116-601	771-8992/116-602	1
7 m	771-8992/116-701	771-8992/116-702	1
8 m	771-8992/116-801	771-8992/116-802	1

Connecting cable, plug – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8992/216-101	771-8992/216-102	1
2 m	771-8992/216-201	771-8992/216-202	1
3 m	771-8992/216-301	771-8992/216-302	1
4 m	771-8992/216-401	771-8992/216-402	1
5 m	771-8992/216-501	771-8992/216-502	1
6 m	771-8992/216-601	771-8992/216-602	1
7 m	771-8992/216-701	771-8992/216-702	1
8 m	771-8992/216-801	771-8992/216-802	1

Coding	Marking	Color
A	L N	● black
A	L N	○ white

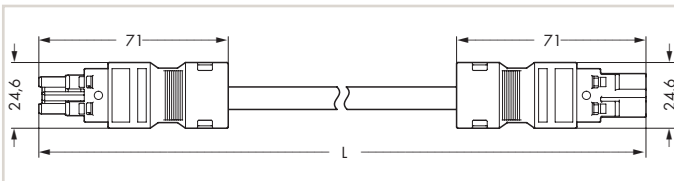
WINSTA® MIDI

Cable Assemblies, 2 x 1.5 mm², PVC

771 Series



Dimensions (in mm):



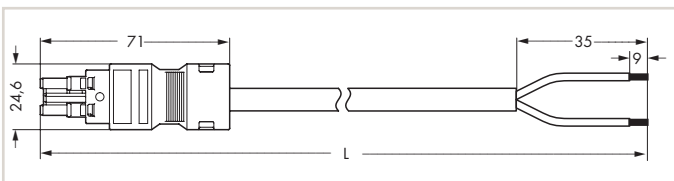
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, for dimming functions (e.g., DALI), PVC,
I-coding

Length	● black	○ white	Pack. Unit
1 m	771-8982/006-101	771-8982/006-102	1
2 m	771-8982/006-201	771-8982/006-202	1
3 m	771-8982/006-301	771-8982/006-302	1
4 m	771-8982/006-401	771-8982/006-402	1
5 m	771-8982/006-501	771-8982/006-502	1
6 m	771-8982/006-601	771-8982/006-602	1
7 m	771-8982/006-701	771-8982/006-702	1
8 m	771-8982/006-801	771-8982/006-802	1



Dimensions (in mm):

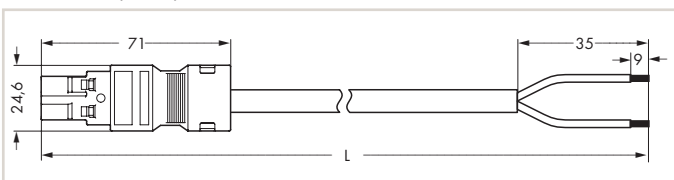


Connecting cable,
socket – free end, for dimming functions (e.g., DALI), PVC,
I-coding

Length	● black	○ white	Pack. Unit
1 m	771-8982/106-101	771-8982/106-102	1
2 m	771-8982/106-201	771-8982/106-202	1
3 m	771-8982/106-301	771-8982/106-302	1
4 m	771-8982/106-401	771-8982/106-402	1
5 m	771-8982/106-501	771-8982/106-502	1
6 m	771-8982/106-601	771-8982/106-602	1
7 m	771-8982/106-701	771-8982/106-702	1
8 m	771-8982/106-801	771-8982/106-802	1



Dimensions (in mm):



Connecting cable,
plug – free end, for dimming functions (e.g., DALI), PVC,
I-coding

Length	● black	○ white	Pack. Unit
1 m	771-8982/206-101	771-8982/206-102	1
2 m	771-8982/206-201	771-8982/206-202	1
3 m	771-8982/206-301	771-8982/206-302	1
4 m	771-8982/206-401	771-8982/206-402	1
5 m	771-8982/206-501	771-8982/206-502	1
6 m	771-8982/206-601	771-8982/206-602	1
7 m	771-8982/206-701	771-8982/206-702	1
8 m	771-8982/206-801	771-8982/206-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to
cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

I

Marking

DA+ DA-

Color

● blue

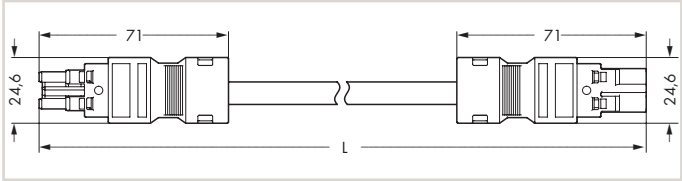
WINSTA® MIDI

Cable Assemblies, 2 x 1.5 mm², Halogen-Free

771 Series



Dimensions (in mm):

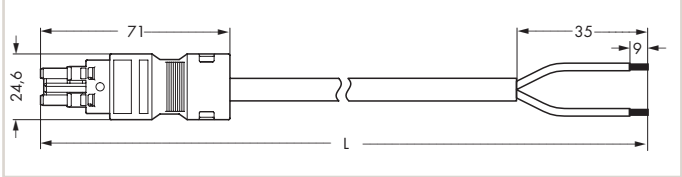


Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, for dimming functions (e.g., DALI), halogen-free, I-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8982/016-101	771-8982/016-102	1
2 m	771-8982/016-201	771-8982/016-202	1
3 m	771-8982/016-301	771-8982/016-302	1
4 m	771-8982/016-401	771-8982/016-402	1
5 m	771-8982/016-501	771-8982/016-502	1
6 m	771-8982/016-601	771-8982/016-602	1
7 m	771-8982/016-701	771-8982/016-702	1
8 m	771-8982/016-801	771-8982/016-802	1



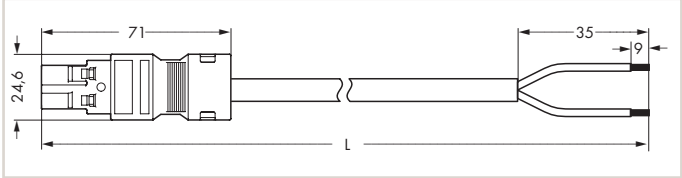
Dimensions (in mm):



Connecting cable, socket – free end, for dimming functions (e.g., DALI), halogen-free, I-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8982/116-101	771-8982/116-102	1
2 m	771-8982/116-201	771-8982/116-202	1
3 m	771-8982/116-301	771-8982/116-302	1
4 m	771-8982/116-401	771-8982/116-402	1
5 m	771-8982/116-501	771-8982/116-502	1
6 m	771-8982/116-601	771-8982/116-602	1
7 m	771-8982/116-701	771-8982/116-702	1
8 m	771-8982/116-801	771-8982/116-802	1



Dimensions (in mm):



Connecting cable, plug – free end, for dimming functions (e.g., DALI), halogen-free, I-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8982/216-101	771-8982/216-102	1
2 m	771-8982/216-201	771-8982/216-202	1
3 m	771-8982/216-301	771-8982/216-302	1
4 m	771-8982/216-401	771-8982/216-402	1
5 m	771-8982/216-501	771-8982/216-502	1
6 m	771-8982/216-601	771-8982/216-602	1
7 m	771-8982/216-701	771-8982/216-702	1
8 m	771-8982/216-801	771-8982/216-802	1

Coding	Marking	Color
I	DA+ DA-	● blue

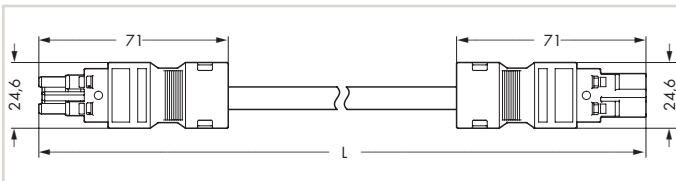
WINSTA® MIDI

Cable Assemblies, 2 x 1.5 mm², PVC

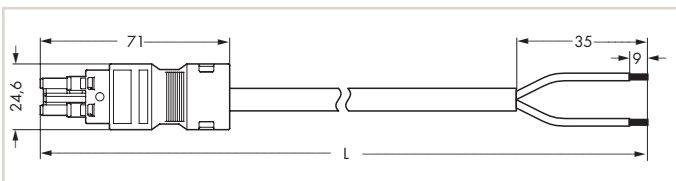
771 Series



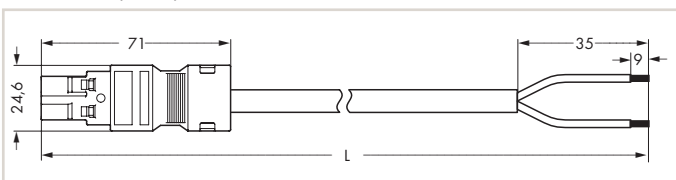
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8982/006-103	771-8982/006-104	1
2 m	771-8982/006-203	771-8982/006-204	1
3 m	771-8982/006-303	771-8982/006-304	1
4 m	771-8982/006-403	771-8982/006-404	1
5 m	771-8982/006-503	771-8982/006-504	1
6 m	771-8982/006-603	771-8982/006-604	1
7 m	771-8982/006-703	771-8982/006-704	1
8 m	771-8982/006-803	771-8982/006-804	1

Connecting cable,
socket – free end, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8982/106-103	771-8982/106-104	1
2 m	771-8982/106-203	771-8982/106-204	1
3 m	771-8982/106-303	771-8982/106-304	1
4 m	771-8982/106-403	771-8982/106-404	1
5 m	771-8982/106-503	771-8982/106-504	1
6 m	771-8982/106-603	771-8982/106-604	1
7 m	771-8982/106-703	771-8982/106-704	1
8 m	771-8982/106-803	771-8982/106-804	1

Connecting cable,
plug – free end, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8982/206-103	771-8982/206-104	1
2 m	771-8982/206-203	771-8982/206-204	1
3 m	771-8982/206-303	771-8982/206-304	1
4 m	771-8982/206-403	771-8982/206-404	1
5 m	771-8982/206-503	771-8982/206-504	1
6 m	771-8982/206-603	771-8982/206-604	1
7 m	771-8982/206-703	771-8982/206-704	1
8 m	771-8982/206-803	771-8982/206-804	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

L

Marking

L' N'

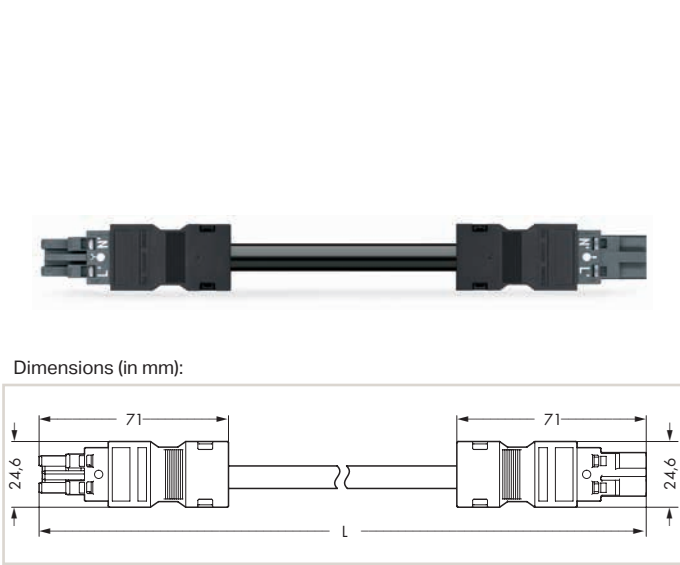
Color

● dark gray

WINSTA® MIDI

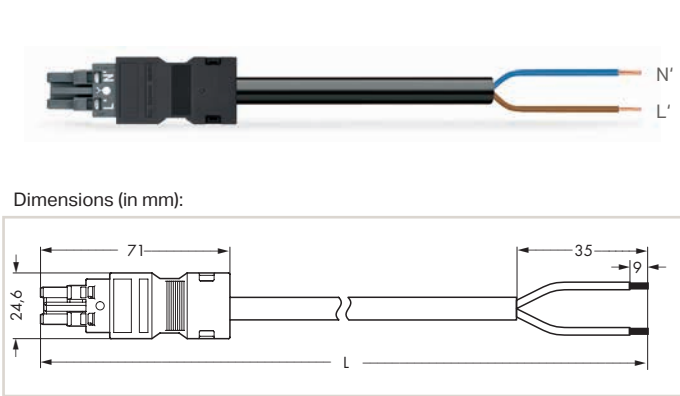
Cable Assemblies, 2 x 1.5 mm², Halogen-Free

771 Series

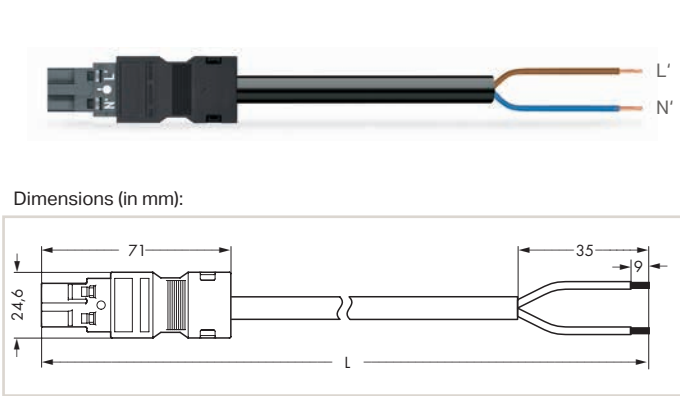


Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8982/016-103	771-8982/016-104	1
2 m	771-8982/016-203	771-8982/016-204	1
3 m	771-8982/016-303	771-8982/016-304	1
4 m	771-8982/016-403	771-8982/016-404	1
5 m	771-8982/016-503	771-8982/016-504	1
6 m	771-8982/016-603	771-8982/016-604	1
7 m	771-8982/016-703	771-8982/016-704	1
8 m	771-8982/016-803	771-8982/016-804	1



Connecting cable, socket – free end, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8982/116-103	771-8982/116-104	1
2 m	771-8982/116-203	771-8982/116-204	1
3 m	771-8982/116-303	771-8982/116-304	1
4 m	771-8982/116-403	771-8982/116-404	1
5 m	771-8982/116-503	771-8982/116-504	1
6 m	771-8982/116-603	771-8982/116-604	1
7 m	771-8982/116-703	771-8982/116-704	1
8 m	771-8982/116-803	771-8982/116-804	1



Connecting cable, plug – free end, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8982/216-103	771-8982/216-104	1
2 m	771-8982/216-203	771-8982/216-204	1
3 m	771-8982/216-303	771-8982/216-304	1
4 m	771-8982/216-403	771-8982/216-404	1
5 m	771-8982/216-503	771-8982/216-504	1
6 m	771-8982/216-603	771-8982/216-604	1
7 m	771-8982/216-703	771-8982/216-704	1
8 m	771-8982/216-803	771-8982/216-804	1

Coding	Marking	Color
L	L' N'	● dark gray

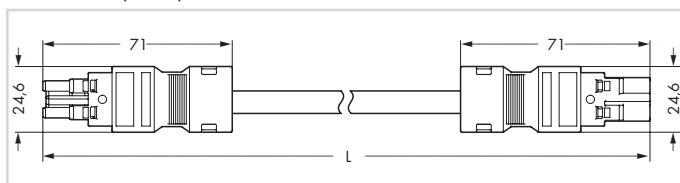
WINSTA® MIDI

Cable Assemblies, 2 x 2.5 mm², PVC

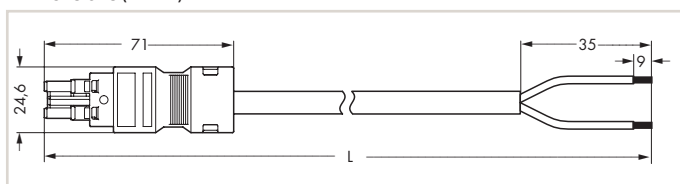
771 Series



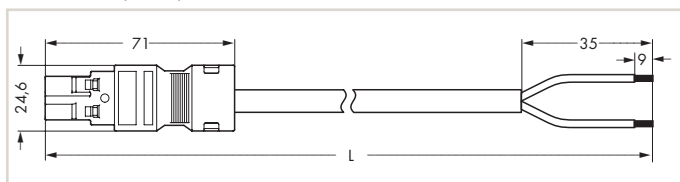
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-8992/007-101	771-8992/007-102	1
2 m	771-8992/007-201	771-8992/007-202	1
3 m	771-8992/007-301	771-8992/007-302	1
4 m	771-8992/007-401	771-8992/007-402	1
5 m	771-8992/007-501	771-8992/007-502	1
6 m	771-8992/007-601	771-8992/007-602	1
7 m	771-8992/007-701	771-8992/007-702	1
8 m	771-8992/007-801	771-8992/007-802	1

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-8992/107-101	771-8992/107-102	1
2 m	771-8992/107-201	771-8992/107-202	1
3 m	771-8992/107-301	771-8992/107-302	1
4 m	771-8992/107-401	771-8992/107-402	1
5 m	771-8992/107-501	771-8992/107-502	1
6 m	771-8992/107-601	771-8992/107-602	1
7 m	771-8992/107-701	771-8992/107-702	1
8 m	771-8992/107-801	771-8992/107-802	1

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-8992/207-101	771-8992/207-102	1
2 m	771-8992/207-201	771-8992/207-202	1
3 m	771-8992/207-301	771-8992/207-302	1
4 m	771-8992/207-401	771-8992/207-402	1
5 m	771-8992/207-501	771-8992/207-502	1
6 m	771-8992/207-601	771-8992/207-602	1
7 m	771-8992/207-701	771-8992/207-702	1
8 m	771-8992/207-801	771-8992/207-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

A

A

Marking

L N

L N

Color

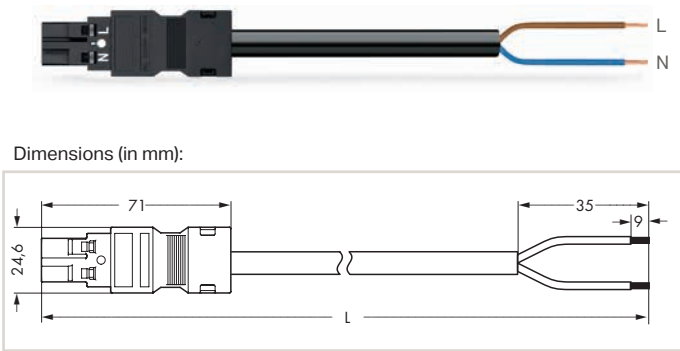
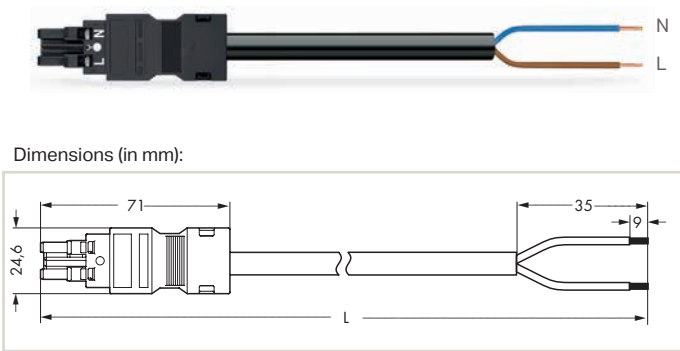
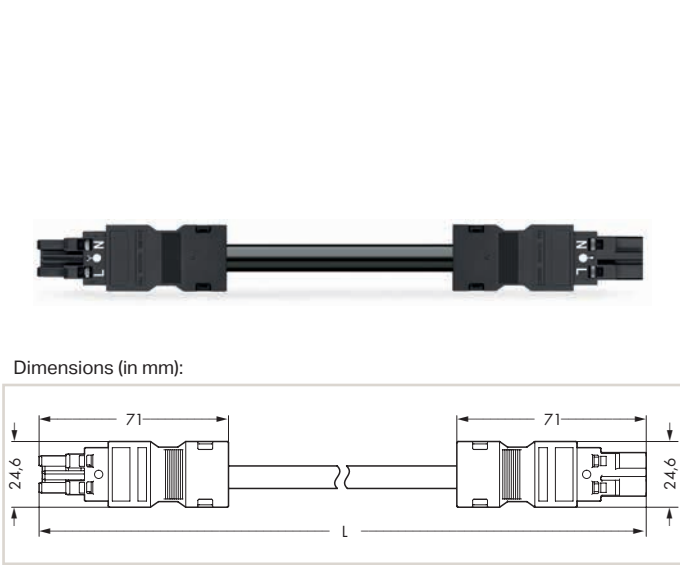
● black

○ white

WINSTA® MIDI

Cable Assemblies, 2 x 2.5 mm², Halogen-Free

771 Series



Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8992/017-101	771-8992/017-102	1
2 m	771-8992/017-201	771-8992/017-202	1
3 m	771-8992/017-301	771-8992/017-302	1
4 m	771-8992/017-401	771-8992/017-402	1
5 m	771-8992/017-501	771-8992/017-502	1
6 m	771-8992/017-601	771-8992/017-602	1
7 m	771-8992/017-701	771-8992/017-702	1
8 m	771-8992/017-801	771-8992/017-802	1

Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8992/117-101	771-8992/117-102	1
2 m	771-8992/117-201	771-8992/117-202	1
3 m	771-8992/117-301	771-8992/117-302	1
4 m	771-8992/117-401	771-8992/117-402	1
5 m	771-8992/117-501	771-8992/117-502	1
6 m	771-8992/117-601	771-8992/117-602	1
7 m	771-8992/117-701	771-8992/117-702	1
8 m	771-8992/117-801	771-8992/117-802	1

Connecting cable, plug – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8992/217-101	771-8992/217-102	1
2 m	771-8992/217-201	771-8992/217-202	1
3 m	771-8992/217-301	771-8992/217-302	1
4 m	771-8992/217-401	771-8992/217-402	1
5 m	771-8992/217-501	771-8992/217-502	1
6 m	771-8992/217-601	771-8992/217-602	1
7 m	771-8992/217-701	771-8992/217-702	1
8 m	771-8992/217-801	771-8992/217-802	1

Coding	Marking	Color
A	L N	● black
A	L N	○ white

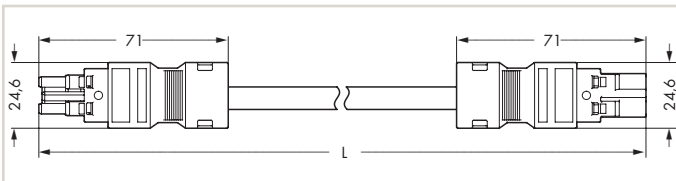
WINSTA® MIDI

Cable Assemblies, 2 x 2.5 mm², PVC

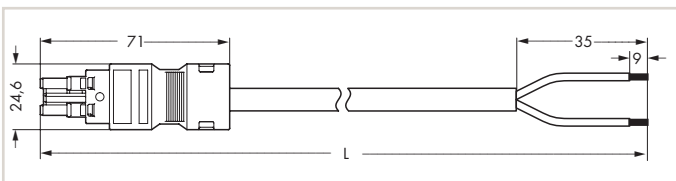
771 Series



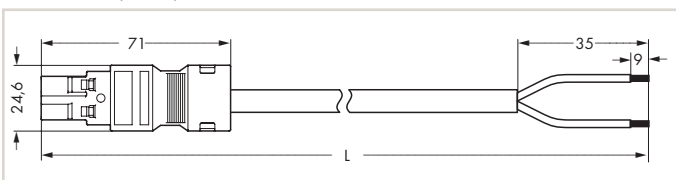
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8982/007-103	771-8982/007-104	1
2 m	771-8982/007-203	771-8982/007-204	1
3 m	771-8982/007-303	771-8982/007-304	1
4 m	771-8982/007-403	771-8982/007-404	1
5 m	771-8982/007-503	771-8982/007-504	1
6 m	771-8982/007-603	771-8982/007-604	1
7 m	771-8982/007-703	771-8982/007-704	1
8 m	771-8982/007-803	771-8982/007-804	1

Connecting cable,
socket – free end, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8982/107-103	771-8982/107-104	1
2 m	771-8982/107-203	771-8982/107-204	1
3 m	771-8982/107-303	771-8982/107-304	1
4 m	771-8982/107-403	771-8982/107-404	1
5 m	771-8982/107-503	771-8982/107-504	1
6 m	771-8982/107-603	771-8982/107-604	1
7 m	771-8982/107-703	771-8982/107-704	1
8 m	771-8982/107-803	771-8982/107-804	1

Connecting cable,
plug – free end, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8982/207-103	771-8982/207-104	1
2 m	771-8982/207-203	771-8982/207-204	1
3 m	771-8982/207-303	771-8982/207-304	1
4 m	771-8982/207-403	771-8982/207-404	1
5 m	771-8982/207-503	771-8982/207-504	1
6 m	771-8982/207-603	771-8982/207-604	1
7 m	771-8982/207-703	771-8982/207-704	1
8 m	771-8982/207-803	771-8982/207-804	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

L

Marking

L' N'

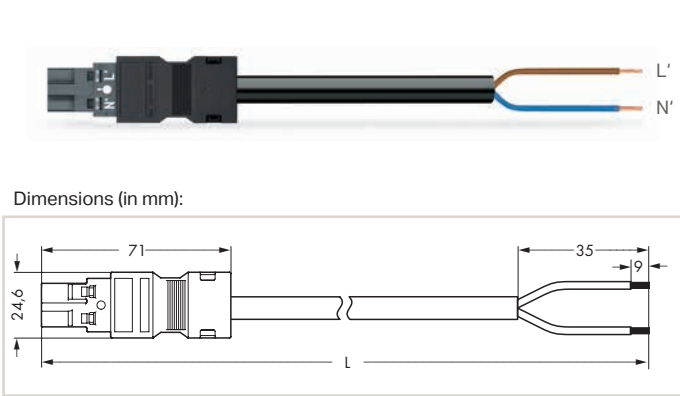
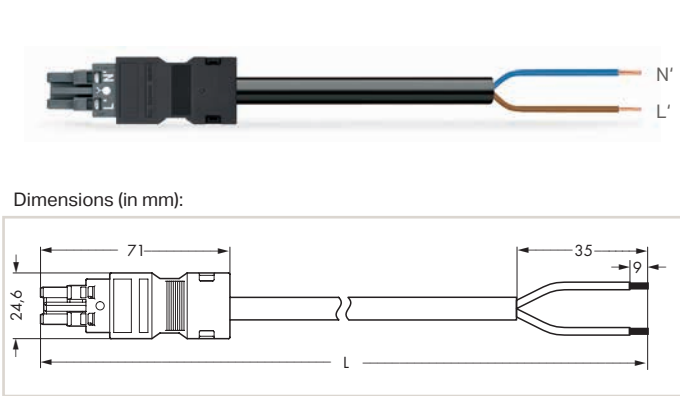
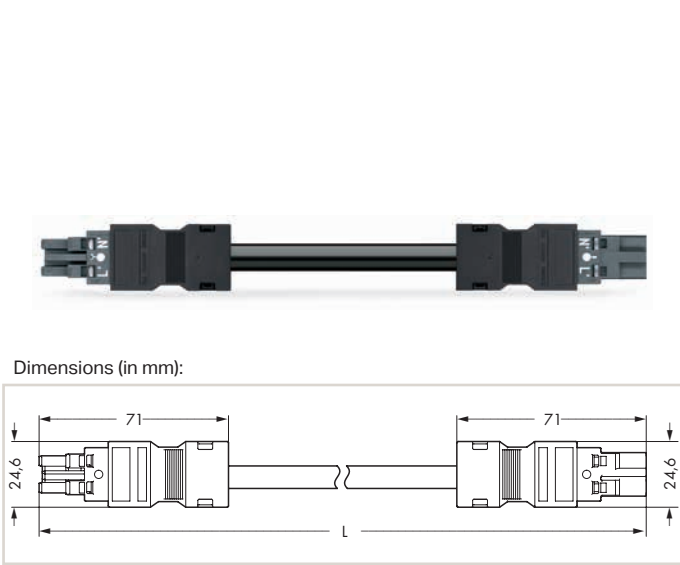
Color

● dark gray

WINSTA® MIDI

Cable Assemblies, 2 x 2.5 mm², Halogen-Free

771 Series



Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8982/017-103	771-8982/017-104	1
2 m	771-8982/017-203	771-8982/017-204	1
3 m	771-8982/017-303	771-8982/017-304	1
4 m	771-8982/017-403	771-8982/017-404	1
5 m	771-8982/017-503	771-8982/017-504	1
6 m	771-8982/017-603	771-8982/017-604	1
7 m	771-8982/017-703	771-8982/017-704	1
8 m	771-8982/017-803	771-8982/017-804	1

Connecting cable, socket – free end, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8982/117-103	771-8982/117-104	1
2 m	771-8982/117-203	771-8982/117-204	1
3 m	771-8982/117-303	771-8982/117-304	1
4 m	771-8982/117-403	771-8982/117-404	1
5 m	771-8982/117-503	771-8982/117-504	1
6 m	771-8982/117-603	771-8982/117-604	1
7 m	771-8982/117-703	771-8982/117-704	1
8 m	771-8982/117-803	771-8982/117-804	1

Connecting cable, plug – free end, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8982/217-103	771-8982/217-104	1
2 m	771-8982/217-203	771-8982/217-204	1
3 m	771-8982/217-303	771-8982/217-304	1
4 m	771-8982/217-403	771-8982/217-404	1
5 m	771-8982/217-503	771-8982/217-504	1
6 m	771-8982/217-603	771-8982/217-604	1
7 m	771-8982/217-703	771-8982/217-704	1
8 m	771-8982/217-803	771-8982/217-804	1

Coding	Marking	Color
L	L' N'	● dark gray

WINSTA® MIDI

Sockets and Plugs, 3-Pole 770 Series



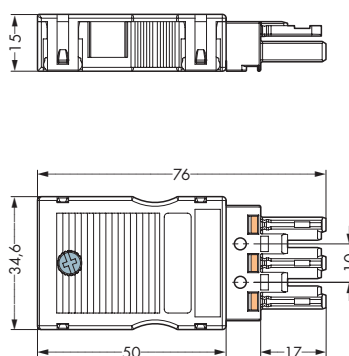
Snap on locking lever. Observe direction!

Conductor range
Rated voltage
Rated current
Strip length

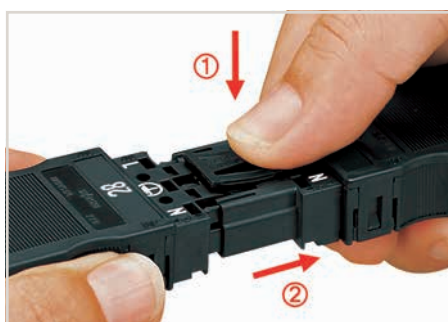
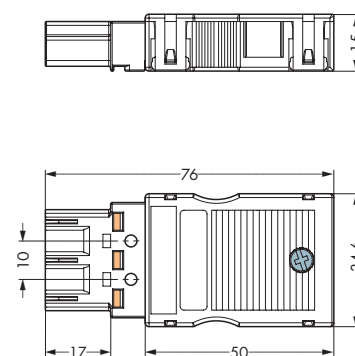
0.5 ... 4 mm² / 20 ... 12 AWG
250 V
25 A
9 mm / 0.35 inch



Dimensions (in mm):

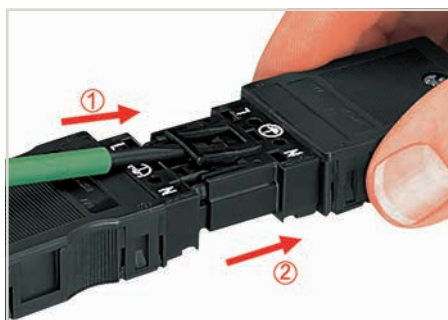


Dimensions (in mm):



Locking lever, manually operated:

- Push on locking lever.
- Pull apart the connectors.



Locking lever, tool operated:

- Unlatch locking lever.
- Pull apart the connectors.

Socket, with strain relief housing,
for two cables,
8 ... 11.5 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
● black	770-103	25
○ white	770-123	25

Socket, with strain relief housing,
for quick assembly, for one cable,
7 ... 11.5 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
● black	770-103/035-000	25
○ white	770-123/035-000	25

Plug, with strain relief housing,
for two cables,
8 ... 11.5 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
● black	770-113	25
○ white	770-133	25

Plug, with strain relief housing,
for quick assembly, for one cable,
7 ... 11.5 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
● black	770-113/035-000	25
○ white	770-133/035-000	25

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A
A

Marking

L ⊕ N
L ⊕ N

Color

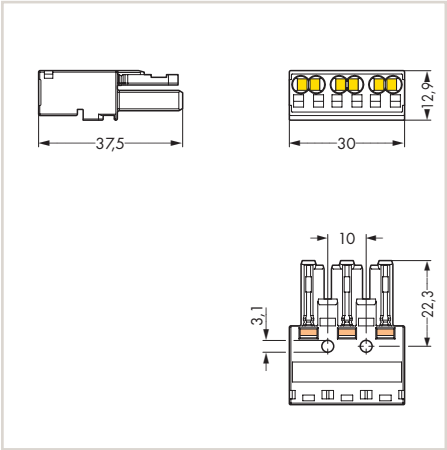
● black
○ white

Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	250 V
Rated current	25 A
Strip length	9 mm / 0.35 inch

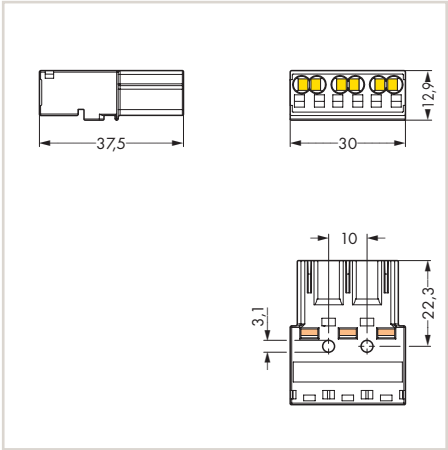


3

Dimensions (in mm):



Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
● black	770-203	100
○ white	770-223	100
● red	770-1303	100
● orange	770-1343	100
● brown	770-1363	100

Plug, without strain relief housing		
Color	Item No.	Pack. Unit
● black	770-213	50
○ white	770-233	50
● red	770-1313	100
● orange	770-1353	100
● brown	770-1373	100

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white
I	L ⊕ N	● red
L	LON LON S	● orange
P	1 2 L	● brown

WINSTA® MIDI

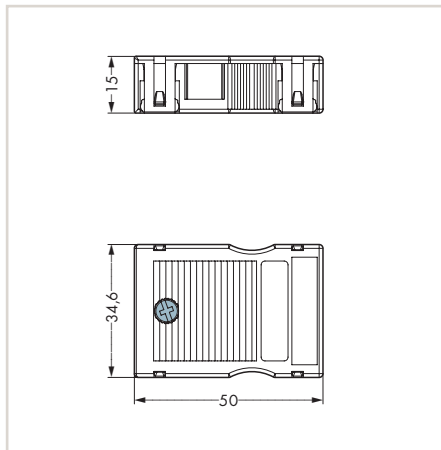
Strain Relief Housings for Different Cable Diameters, 3-Pole
770 Series

Snap-on type strain relief housings for:

- 3-pole sockets
- 3-pole plugs



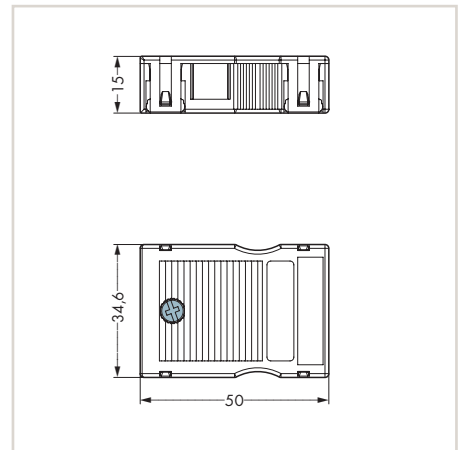
Dimensions (in mm):



Strain relief housing,
for two cables,
for 4.5 ... 8 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
black	770-503/023-000	50
white	770-513/023-000	50

Dimensions (in mm):



Strain relief housing,
for two cables,
for 8 ... 11.5 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
black	770-503	50
white	770-513	50

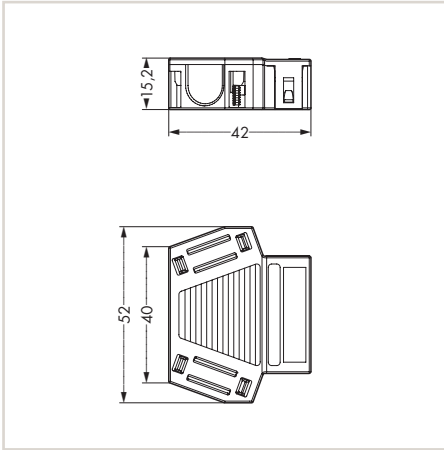
All strain relief housings are suitable for H05VV
and NYM cables.
Other cables available upon request.

 Marking strips,
see page 357

 Approvals,
see www.wago.com



Dimensions (in mm):

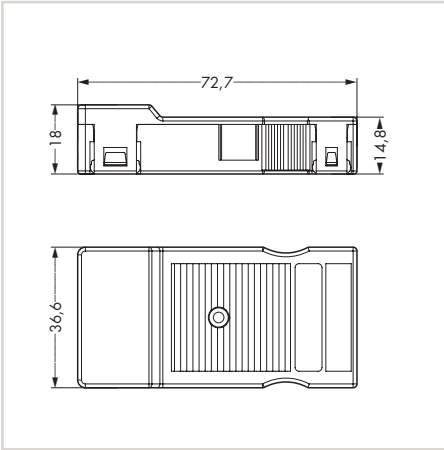


Strain relief housing, angled,
for two cables,
for 8 ... 11.5 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
black	770-503/032-000	25
white	770-513/032-000	25



Dimensions (in mm):

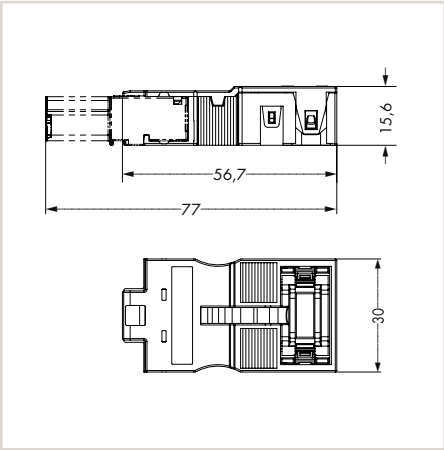


Strain relief housing, for 4 mm² cables,
for one cable,
9 ... 13 mm cable diameter,
71 mm strip length

Color	Item No.	Pack. Unit
black	770-503/021-000	50
white	770-513/021-000	50



Dimensions (in mm):



Strain relief housing, for quick assembly,
for one cable,
7 ... 11.5 mm cable diameter,
48 mm strip length

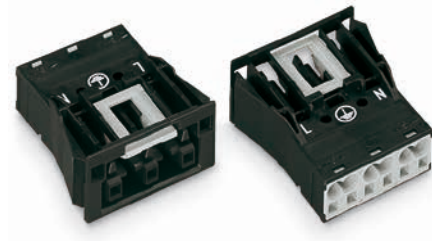
Color	Item No.	Pack. Unit
black	770-503/035-000	50
white	770-513/035-000	50

WINSTA® MIDI

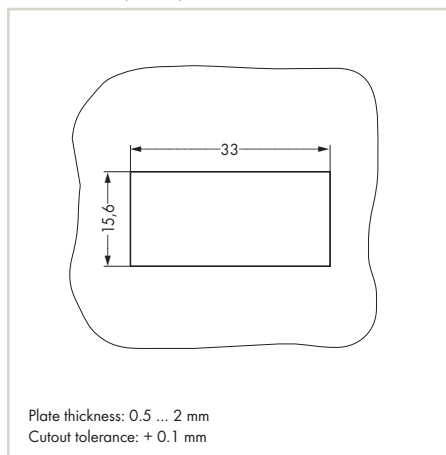
Snap-In Sockets and Plugs, 3-Pole

770 Series

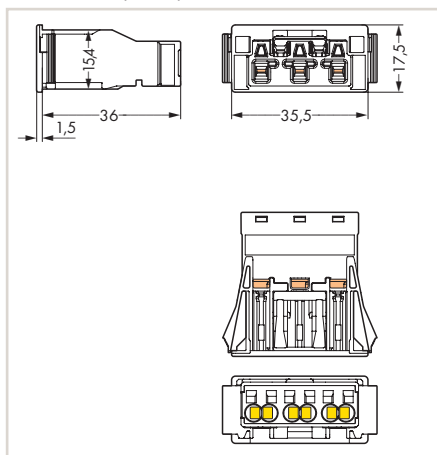
Conductor range	0.5 ... 4 mm ² / 20 ... 12 AWG
Rated voltage	250 V
Rated current	25 A
Strip length	9 mm / 0.35 inch



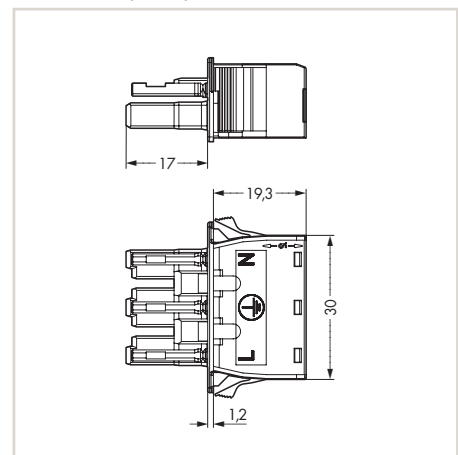
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket		
Color	Item No.	Pack. Unit
● black	770-703	100
○ white	770-723	100
● red	770-2303	100
● orange	770-2343	100
● brown	770-2363	100

Socket, with protruding interface		
Color	Item No.	Pack. Unit
● black	770-703/009-000	45
○ white	770-723/009-000	45

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

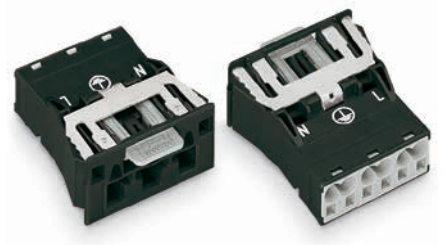
Coding Overview,
see page 360

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white
P	L ⊕ N	● red
R	LON LON S	● orange
S	1 2 L	● brown

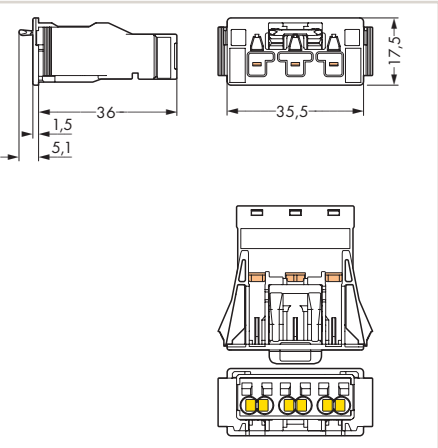


Varnish-piercing direct ground contact (pictures shows a 4-pole connector)

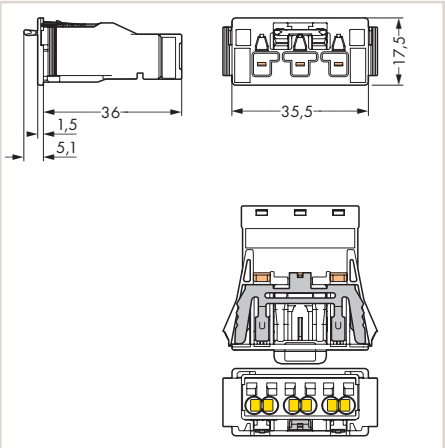
Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	250 V
Rated current	25 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Plug		
Color	Item No.	Pack. Unit
● black	770-713	100
○ white	770-733	100
● red	770-2313	100
● orange	770-2353	100

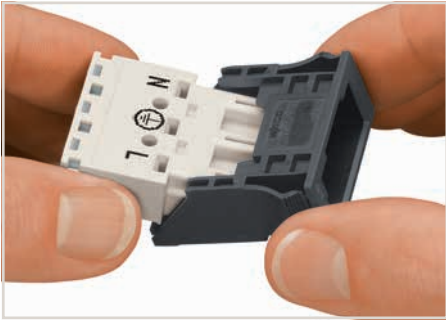
Plug, with direct ground contact		
Color	Item No.	Pack. Unit
● black	770-713/007-000	100
○ white	770-733/007-000	100
● blue	770-2313/007-000	100

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white
P	L ⊕ N	● red
R	LON LON S	● orange

WINSTA® MIDI

Snap-In Frames, 3-Pole

770 Series

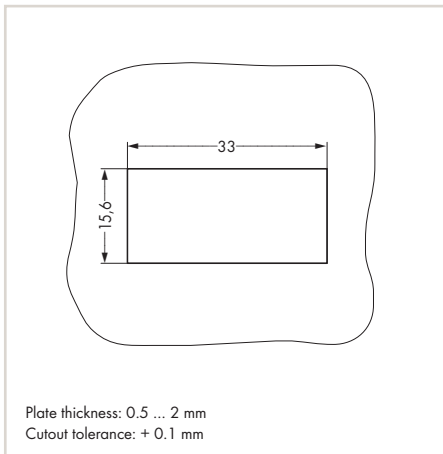


3

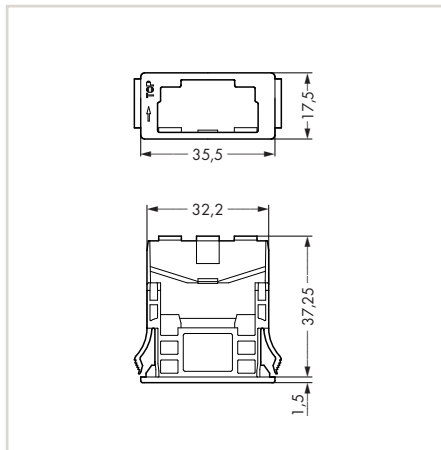
Insert the socket or plug into the frame (observe the "TOP" marking on the frame!), then snap the assembled unit into the cutout.



Dimensions (in mm):



Dimensions (in mm):



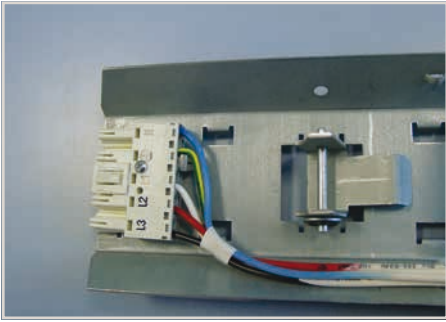
Snap-in frame,
for 1 ... 3 mm plate thickness

Color	Item No.	Pack. Unit
black	770-318	100
white	770-338	100

 770 Series Accessories,
see page 343

 Approvals,
see www.wago.com

WINSTA® MIDI

Plugs with Ground Contact, 3-Pole
770 Series

Plug with ground contact mounted on luminaire
(picture shows a 3-pole plug).

Conductor range

0.5 ... 4 mm² / 20 ... 12 AWG

Rated voltage

250 V

Rated current

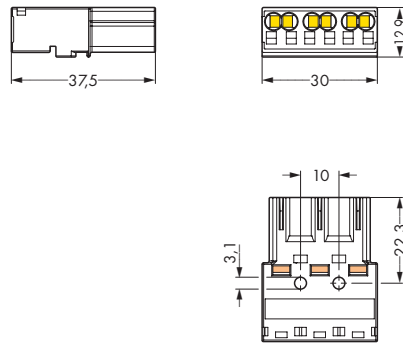
25 A

Strip length

9 mm / 0.35 inch



Dimensions (in mm):



Plug, with direct ground contact,
without strain relief housing,
e.g., for assembly on luminaire casings

Color	Item No.	Pack. Unit
● black	770-213/002-000	25
○ white	770-233/002-000	25

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

Marking

L ⊕ N

L ⊕ N

Color

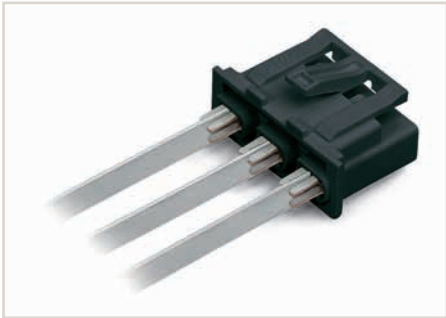
● black

○ white

WINSTA® MIDI

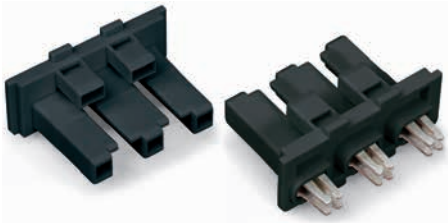
Device Connectors, 3-Pole

770 Series

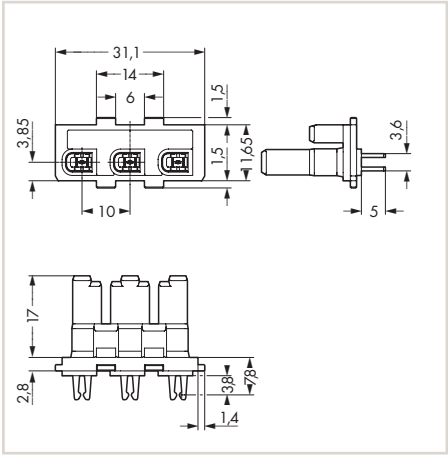


Device connectors can be cost-effectively installed in appropriate guide slots of a housing. Internal electrical connection is performed by contacting the 0.8 mm thick current bars.

Rated voltage	250 V
Rated current	25 A

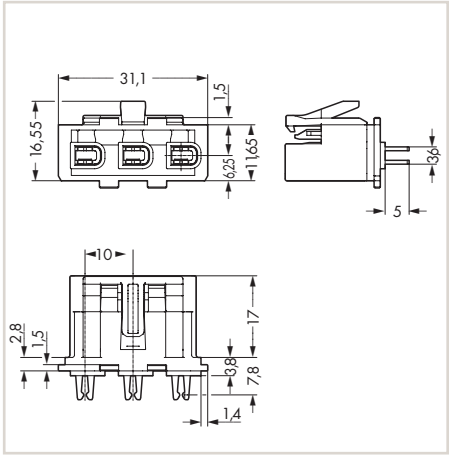


Dimensions (in mm):



Socket module		
Color	Item No.	Pack. Unit
● black	770-408	100
○ white	770-428	100

Dimensions (in mm):



Plug module, with locking lever		
Color	Item No.	Pack. Unit
● black	770-418	100
○ white	770-438	100

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MIDI

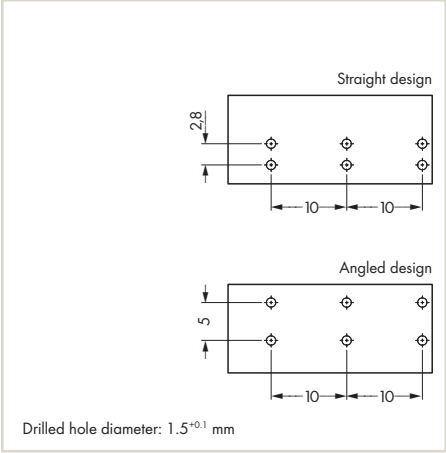
Pluggable PCB Connectors, 3-Pole

770 Series

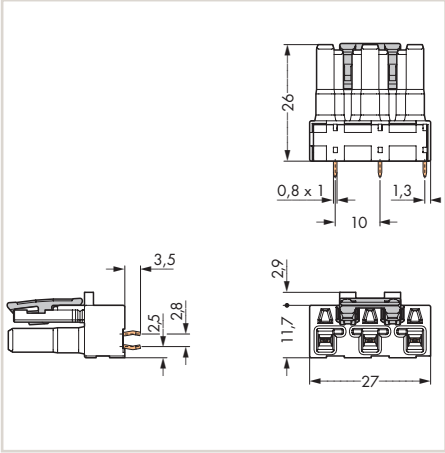
Rated voltage	250 V
Rated current	25 A



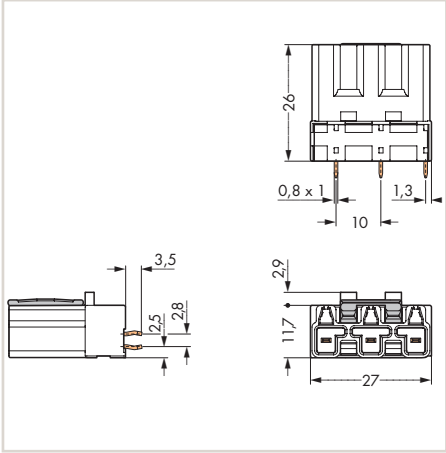
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket, straight		
Color	Item No.	Pack. Unit
● black	770-803	100
○ white	770-823	100

Plug, straight		
Color	Item No.	Pack. Unit
● black	770-813	100
○ white	770-833	100

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

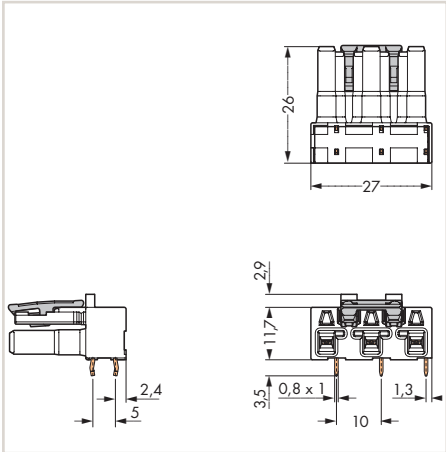
Coding Overview,
see page 360

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

Rated voltage	250 V
Rated current	25 A

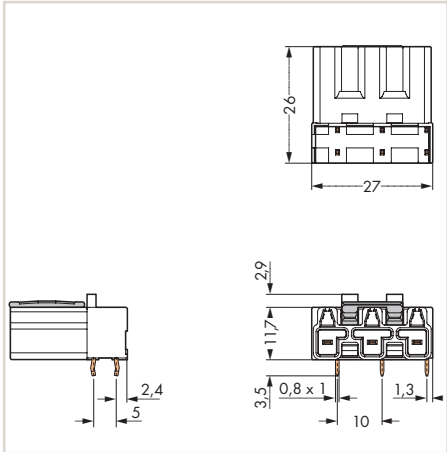


Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
● black	770-803/011-000	100
○ white	770-823/011-000	100

Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
● black	770-813/011-000	100
○ white	770-833/011-000	100

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MIDI

Linect® T-Distribution Connectors and T-Connectors, 3-Pole
770 Series

Rated voltage

250 V

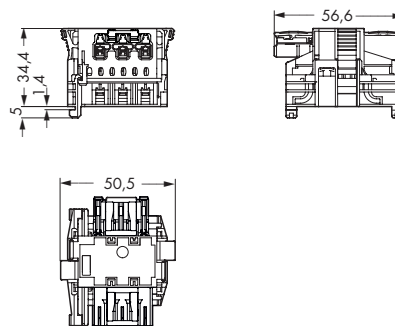
Rated current

25 A

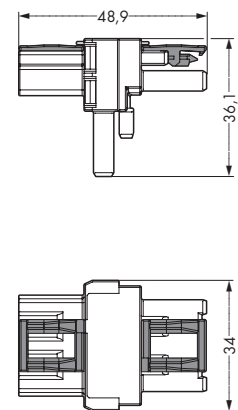
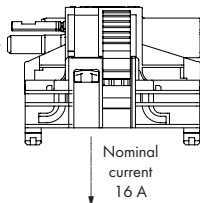
3



Dimensions (in mm):



Dimensions (in mm):

Nominal
current
25 ANominal
current
25 ANominal
current
16 A

Linect® T-connector,
socket – plug,
white housing, white cover,
for lighting connectors
294-8013 and 294-8113

Color	Item No.	Pack. Unit
○ white	770-6223	25

T-distribution connector,
1 x plug/2 x socket

Color	Item No.	Pack. Unit
● black	770-606	50
○ white	770-656	50
● red	770-667	50

T-distribution connector,
1 x plug/2 x socket,
for "flying leads,"
with 3rd locking lever

Color	Item No.	Pack. Unit
● black	770-615	50
○ white	770-665	50
● red	770-670	50

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

P

Marking

L ⊕ N

L ⊕ N

L ⊕ N

Color

● black

○ white

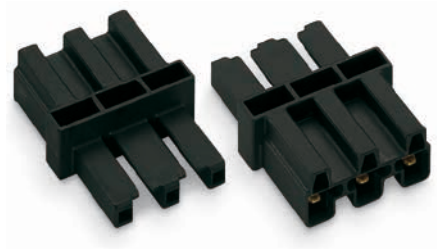
● red

WINSTA® MIDI

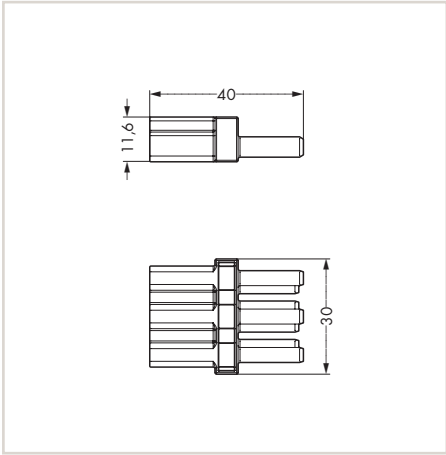
Intermediate Couplers, 3-Pole

770 Series

Rated voltage	250 V
Rated current	25 A



Dimensions (in mm):



Intermediate coupler ,
1 x plug/1 x socket

Color	Item No.	Pack. Unit
● black	770-603	100
○ white	770-653	100

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white
P	L ⊕ N	● red

WINSTA® MIDI

h-Distribution Connectors, 3-Pole

770 Series

Rated voltage

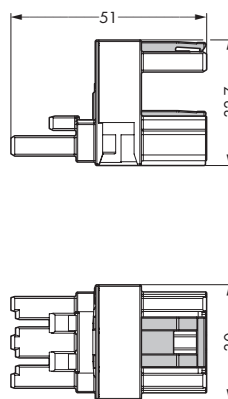
250 V

Rated current

25 A



Dimensions (in mm):

h-distribution connector, bi-directional,
plug – socket/socket

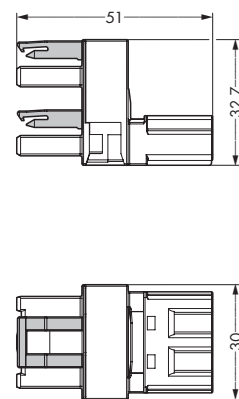
Color	Item No.	Pack. Unit
● black	770-633	50
○ white	770-683	50

h-distribution connector, bi-directional,
plug – socket/socket,
for “flying leads,”
with 3rd locking lever

Color	Item No.	Pack. Unit
● black	770-635	50
○ white	770-685	50



Dimensions (in mm):

h-distribution connector, unidirectional,
plug/socket – socket

Color	Item No.	Pack. Unit
● black	770-634	50
○ white	770-684	50
● red	770-934	50

h-distribution connector, unidirectional,
plug/socket – socket,
for “flying leads,”
with 3rd locking lever

Color	Item No.	Pack. Unit
● black	770-636	50
○ white	770-686	50
● red	770-936	50

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

P

Marking

L ⊕ N

L ⊕ N

L ⊕ N

Color

● black

○ white

● red

WINSTA® MIDI

Distribution Connectors, 3-Pole

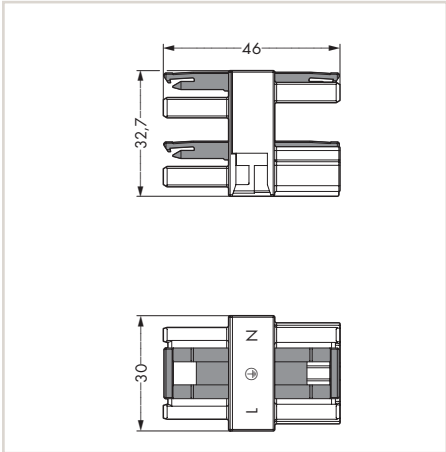
770 Series

Rated voltage	250 V
Rated current	25 A

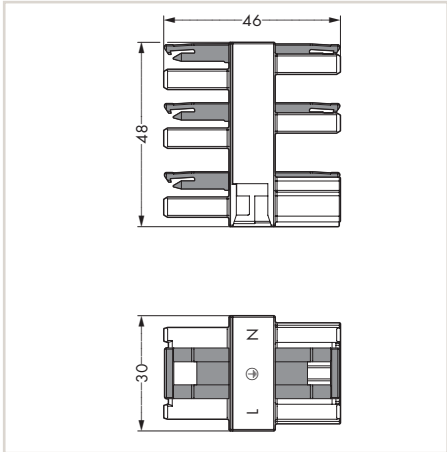


3

Dimensions (in mm):



Dimensions (in mm):



Distribution connector, 3-way, 1 x plug/3 x socket		
Color	Item No.	Pack. Unit
● black	770-607	50
○ white	770-657	50
● red	770-907	50

Distribution connector, 5-way, 1 x plug/5 x socket		
Color	Item No.	Pack. Unit
● black	770-608	50
○ white	770-658	50

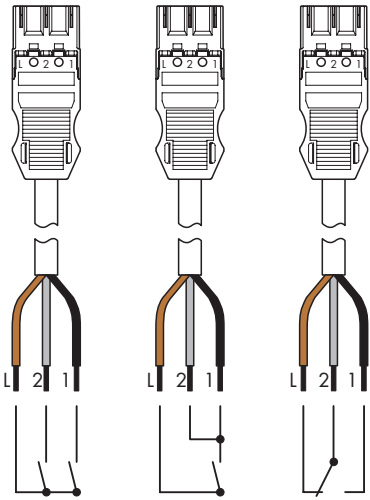
Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white
P	L ⊕ N	● red

WINSTA® MIDI

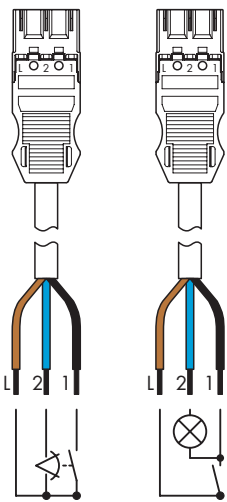
Distribution Connectors, 3-Pole

770 Series

3



Cable assembly with S-coding for connection to 770-637 and 770-638 Distribution Connectors.



Cable assembly with S-coding for connection to 770-637 Distribution Connector when using 770-113/147-000 Shorting Plug.

Rated voltage

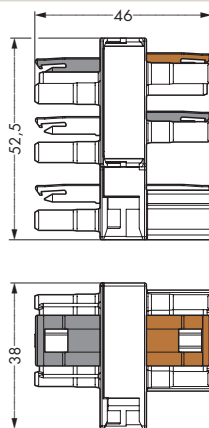
250 V

Rated current

25 A



Dimensions (in mm):

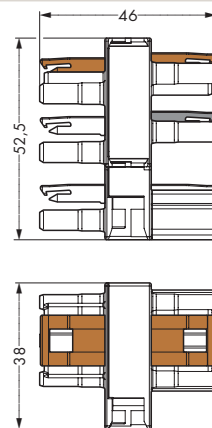


Distribution connector for single-pole switch and series circuits,
1 x plug, A-coding, black/white LL,
2 x socket, A-coding, black/white LL,
2 x socket, A-coding (lighting fixtures), black/white LL,
1 x socket, S-coding (switch), brown LL

Color	Item No.	Pack. Unit
● black	770-637	10
○ white	770-687	10

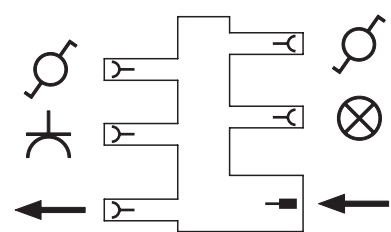
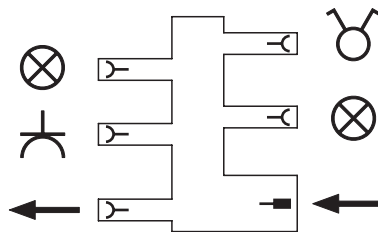


Dimensions (in mm):



Distribution connector for single-pole switch and two-way circuits,
1 x plug, A-coding, black/white LL,
2 x socket, A-coding, black/white LL,
1 x socket, A-coding (lighting fixtures), black/white LL,
2 x socket, S-coding (switch), brown LL

Color	Item No.	Pack. Unit
● black	770-638	10
○ white	770-688	10



LL = Locking lever

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

S

Marking

L ⊕ N

L ⊕ N

Color

● black

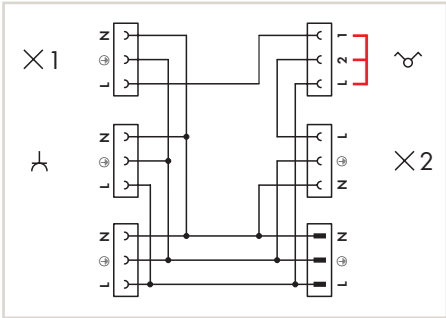
○ white

● brown

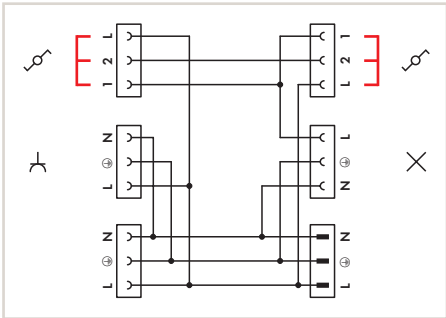
WINSTA® MIDI

Shorting Plugs, 3-Pole

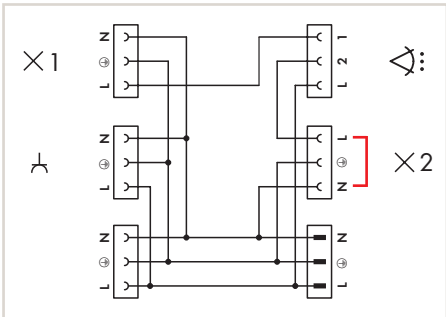
771 Series



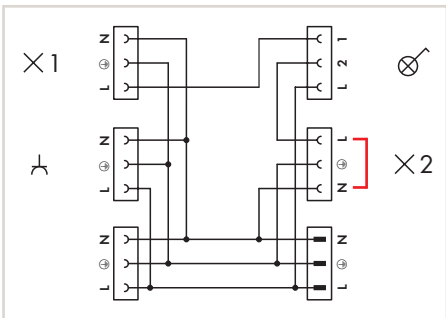
Internal circuit of 770-637 Distribution Connector with possible insertion position of 770-1373/14x-000 Shorting Plug.



Internal circuit of 770-638 Distribution Connector with possible insertion positions of 770-1373/14x-000 Shorting Plug.

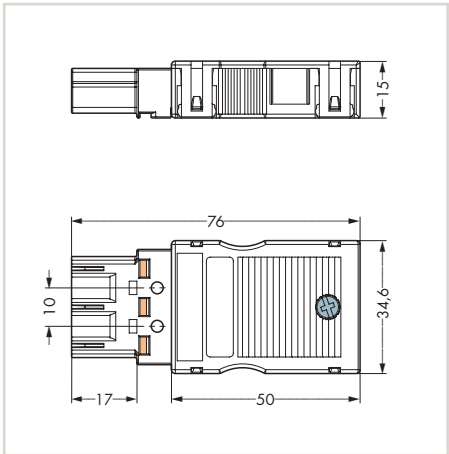
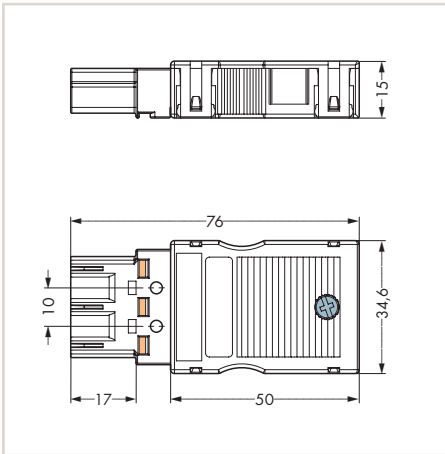


Internal circuit of 770-637 Distribution Connector with insertion position of 770-113/147-000 Shorting Plug for connecting a motion sensor.



Internal circuit of 770-637 Distribution Connector with insertion position of 770-113/147-000 Shorting Plug for connecting a switch with control lamp.

Rated voltage	250 V
Rated current	25 A



Shorting plug, S-coding, brown plug with assembled strain relief housing and bridge

Color/Marking	Item No.	Pack. Unit
● □	770-1373/146-000	50
● □	770-1373/147-000	50
● □	770-1373/148-000	50
● □	770-1373/149-000	50

Shorting plug, A-coding, black plug with assembled strain relief housing and bridge

Color/Marking	Item No.	Pack. Unit
● □	770-113/147-000	50

Coding	Marking	Color
A		● black
S		● brown

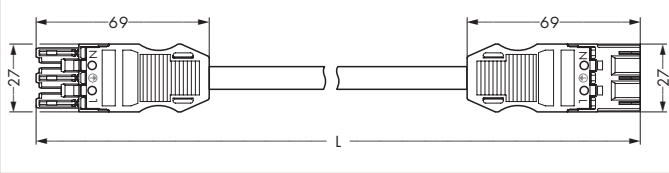
WINSTA® MIDI

Cable Assemblies, 3 x 1.5 mm², PVC

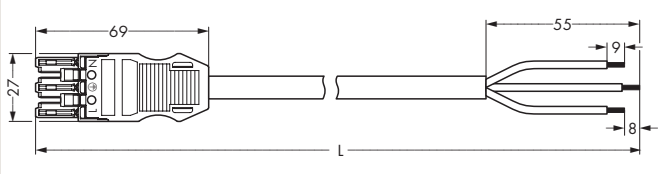
771 Series



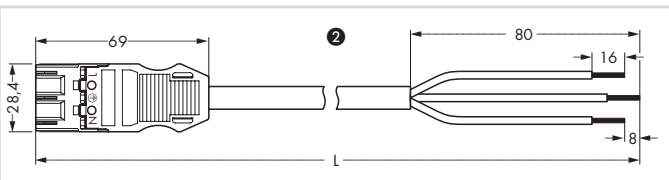
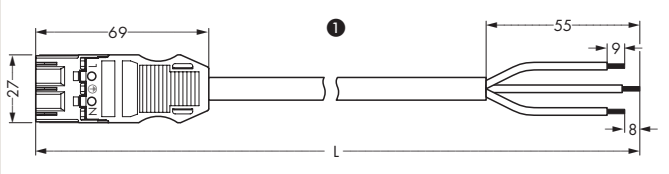
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories, see page 343

Approvals, see www.wago.com

Codings, see page 360

Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch – 16 mm / 0.63 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9993/006-101	771-9993/006-102	1
2 m	771-9993/006-201	771-9993/006-202	1
3 m	771-9993/006-301	771-9993/006-302	1
4 m	771-9993/006-401	771-9993/006-402	1
5 m	771-9993/006-501	771-9993/006-502	1
6 m	771-9993/006-601	771-9993/006-602	1
7 m	771-9993/006-701	771-9993/006-702	1
8 m	771-9993/006-801	771-9993/006-802	1

Connecting cable, socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9993/106-101	771-9993/106-102	1
2 m	771-9993/106-201	771-9993/106-202	1
3 m	771-9993/106-301	771-9993/106-302	1
4 m	771-9993/106-401	771-9993/106-402	1
5 m	771-9993/106-501	771-9993/106-502	1
6 m	771-9993/106-601	771-9993/106-602	1
7 m	771-9993/106-701	771-9993/106-702	1
8 m	771-9993/106-801	771-9993/106-802	1

Connecting cable, plug – free end, PVC, A-coding

Length	● black ①	○ white ①	● black ②	Pack. Unit
1 m	771-9993/206-101	771-9993/206-102	771-9993/3206-101	1
2 m	771-9993/206-201	771-9993/206-202	771-9993/3206-201	1
3 m	771-9993/206-301	771-9993/206-302	771-9993/3206-301	1
4 m	771-9993/206-401	771-9993/206-402	771-9993/3206-401	1
5 m	771-9993/206-501	771-9993/206-502	771-9993/3206-501	1
6 m	771-9993/206-601	771-9993/206-602	771-9993/3206-601	1
7 m	771-9993/206-701	771-9993/206-702	771-9993/3206-701	1
8 m	771-9993/206-801	771-9993/206-802	771-9993/3206-801	1

Coding

A

A

Marking

L ⊕ N

L ⊕ N

Color

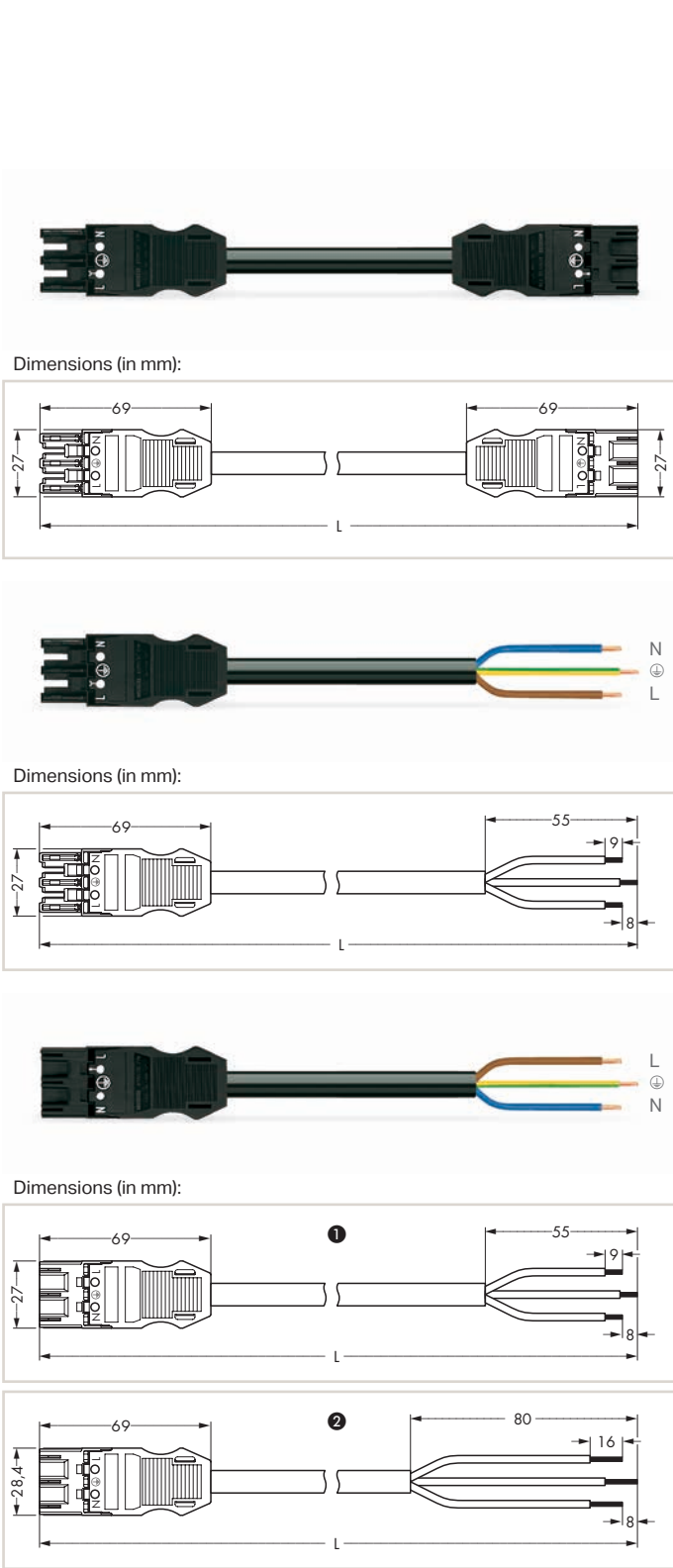
● black

○ white

WINSTA® MIDI

Cable Assemblies, 3 x 1.5 mm², Halogen-Free

771 Series



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch – 16 mm / 0.63 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9993/016-101	771-9993/016-102	1
2 m	771-9993/016-201	771-9993/016-202	1
3 m	771-9993/016-301	771-9993/016-302	1
4 m	771-9993/016-401	771-9993/016-402	1
5 m	771-9993/016-501	771-9993/016-502	1
6 m	771-9993/016-601	771-9993/016-602	1
7 m	771-9993/016-701	771-9993/016-702	1
8 m	771-9993/016-801	771-9993/016-802	1

Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9993/116-101	771-9993/116-102	1
2 m	771-9993/116-201	771-9993/116-202	1
3 m	771-9993/116-301	771-9993/116-302	1
4 m	771-9993/116-401	771-9993/116-402	1
5 m	771-9993/116-501	771-9993/116-502	1
6 m	771-9993/116-601	771-9993/116-602	1
7 m	771-9993/116-701	771-9993/116-702	1
8 m	771-9993/116-801	771-9993/116-802	1

Connecting cable, plug – free end, halogen-free, A-coding				
Length	● black ①	○ white ①	● black ②	Pack. Unit
1 m	771-9993/216-101	771-9993/216-102	771-9993/3216-101	1
2 m	771-9993/216-201	771-9993/216-202	771-9993/3216-201	1
3 m	771-9993/216-301	771-9993/216-302	771-9993/3216-301	1
4 m	771-9993/216-401	771-9993/216-402	771-9993/3216-401	1
5 m	771-9993/216-501	771-9993/216-502	771-9993/3216-501	1
6 m	771-9993/216-601	771-9993/216-602	771-9993/3216-601	1
7 m	771-9993/216-701	771-9993/216-702	771-9993/3216-701	1
8 m	771-9993/216-801	771-9993/216-802	771-9993/3216-801	1

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

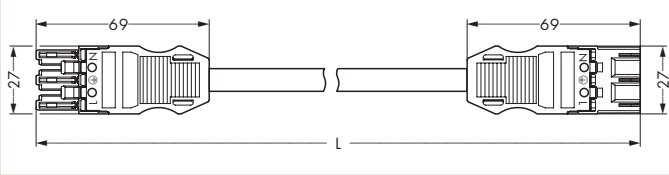
WINSTA® MIDI

Cable Assemblies, 3 x 1.5 mm², PVC

771 Series



Dimensions (in mm):



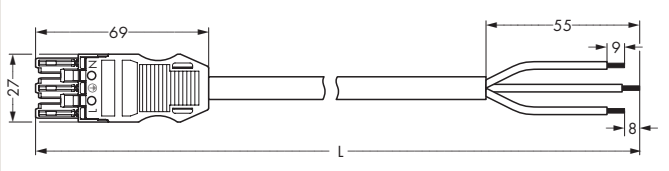
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9973/006-101	771-9973/006-102	1
2 m	771-9973/006-201	771-9973/006-202	1
3 m	771-9973/006-301	771-9973/006-302	1
4 m	771-9973/006-401	771-9973/006-402	1
5 m	771-9973/006-501	771-9973/006-502	1
6 m	771-9973/006-601	771-9973/006-602	1
7 m	771-9973/006-701	771-9973/006-702	1
8 m	771-9973/006-801	771-9973/006-802	1



Dimensions (in mm):

Connecting cable,
socket – free end, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9973/106-101	771-9973/106-102	1
2 m	771-9973/106-201	771-9973/106-202	1
3 m	771-9973/106-301	771-9973/106-302	1
4 m	771-9973/106-401	771-9973/106-402	1
5 m	771-9973/106-501	771-9973/106-502	1
6 m	771-9973/106-601	771-9973/106-602	1
7 m	771-9973/106-701	771-9973/106-702	1
8 m	771-9973/106-801	771-9973/106-802	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9973/206-101	771-9973/206-102	1
2 m	771-9973/206-201	771-9973/206-202	1
3 m	771-9973/206-301	771-9973/206-302	1
4 m	771-9973/206-401	771-9973/206-402	1
5 m	771-9973/206-501	771-9973/206-502	1
6 m	771-9973/206-601	771-9973/206-602	1
7 m	771-9973/206-701	771-9973/206-702	1
8 m	771-9973/206-801	771-9973/206-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding
P

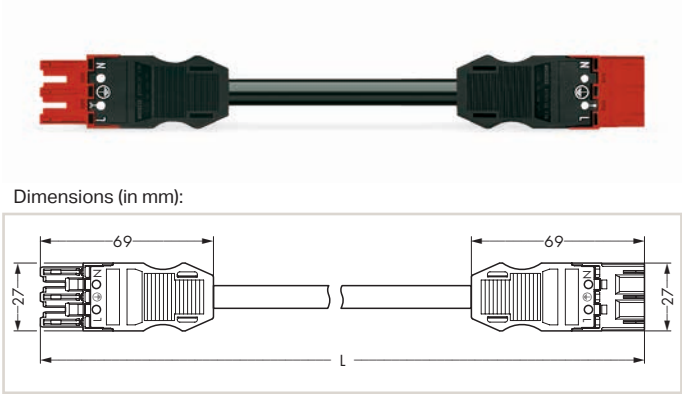
Marking
L ⊕ N

Color
● red

WINSTA® MIDI

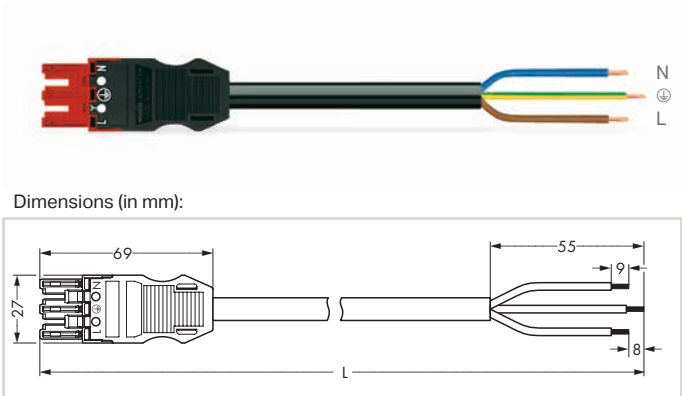
Cable Assemblies, 3 x 1.5 mm², Halogen-Free

771 Series

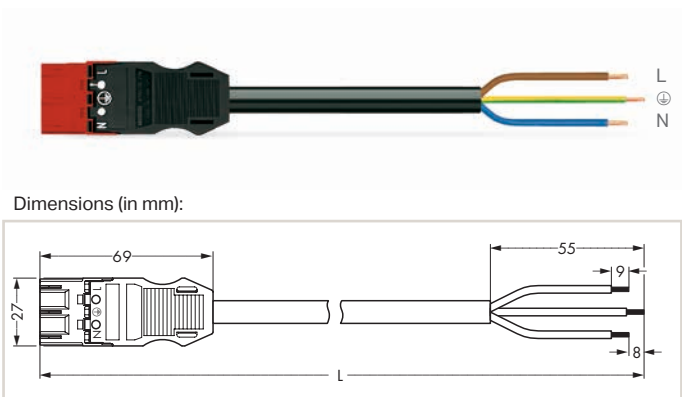


Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9973/016-101	771-9973/016-102	1
2 m	771-9973/016-201	771-9973/016-202	1
3 m	771-9973/016-301	771-9973/016-302	1
4 m	771-9973/016-401	771-9973/016-402	1
5 m	771-9973/016-501	771-9973/016-502	1
6 m	771-9973/016-601	771-9973/016-602	1
7 m	771-9973/016-701	771-9973/016-702	1
8 m	771-9973/016-801	771-9973/016-802	1



Connecting cable, socket – free end, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9973/116-101	771-9973/116-102	1
2 m	771-9973/116-201	771-9973/116-202	1
3 m	771-9973/116-301	771-9973/116-302	1
4 m	771-9973/116-401	771-9973/116-402	1
5 m	771-9973/116-501	771-9973/116-502	1
6 m	771-9973/116-601	771-9973/116-602	1
7 m	771-9973/116-701	771-9973/116-702	1
8 m	771-9973/116-801	771-9973/116-802	1



Connecting cable, plug – free end, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9973/216-101	771-9973/216-102	1
2 m	771-9973/216-201	771-9973/216-202	1
3 m	771-9973/216-301	771-9973/216-302	1
4 m	771-9973/216-401	771-9973/216-402	1
5 m	771-9973/216-501	771-9973/216-502	1
6 m	771-9973/216-601	771-9973/216-602	1
7 m	771-9973/216-701	771-9973/216-702	1
8 m	771-9973/216-801	771-9973/216-802	1

Coding	Marking	Color
P	L ⊕ N	● red

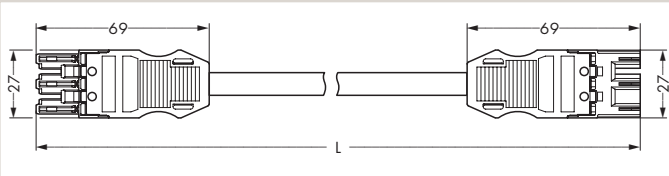
WINSTA® MIDI

Cable Assemblies, 3 x 1.5 mm², PVC

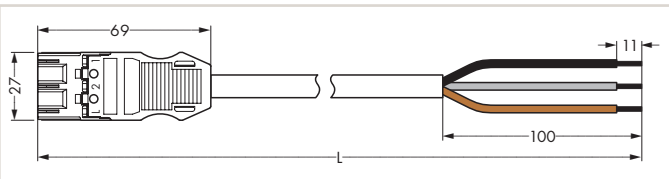
771 Series



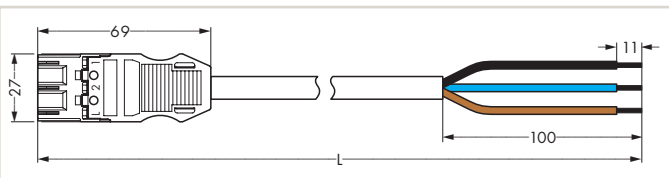
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	11 mm / 0.43 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, S-coding

Length	● black	Pack. Unit
1 m	771-9973/006-105	1
2 m	771-9973/006-205	1
3 m	771-9973/006-305	1
4 m	771-9973/006-405	1
5 m	771-9973/006-505	1
6 m	771-9973/006-605	1
7 m	771-9973/006-705	1
8 m	771-9973/006-805	1

Connecting cable,
plug – free end,
for distribution connector (series and two-way circuits), PVC, S-coding

Length	● black	Pack. Unit
1 m	771-9973/206-105	1
2 m	771-9973/206-205	1
3 m	771-9973/206-305	1
4 m	771-9973/206-405	1
5 m	771-9973/206-505	1
6 m	771-9973/206-605	1
7 m	771-9973/206-705	1
8 m	771-9973/206-805	1

Connecting cable,
plug – free end,
for distribution connector (motion sensor), PVC, S-coding

Length	● black	Pack. Unit
1 m	771-9973/206-104	1
2 m	771-9973/206-204	1
3 m	771-9973/206-304	1
4 m	771-9973/206-404	1
5 m	771-9973/206-504	1
6 m	771-9973/206-604	1
7 m	771-9973/206-704	1
8 m	771-9973/206-804	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding
S

Marking
1 2 L

Color
● brown

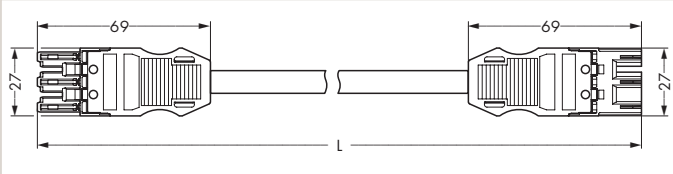
WINSTA® MIDI

Cable Assemblies, 3 x 1.5 mm², Halogen-Free

771 Series



Dimensions (in mm):

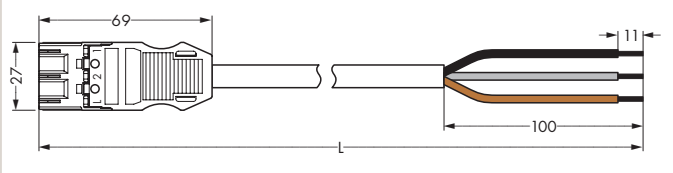


Rated voltage	250 V
Rated current	16 A
Strip length	11 mm / 0.43 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, S-coding		
Length	● black	Pack. Unit
1 m	771-9973/016-105	1
2 m	771-9973/016-205	1
3 m	771-9973/016-305	1
4 m	771-9973/016-405	1
5 m	771-9973/016-505	1
6 m	771-9973/016-605	1
7 m	771-9973/016-705	1
8 m	771-9973/016-805	1



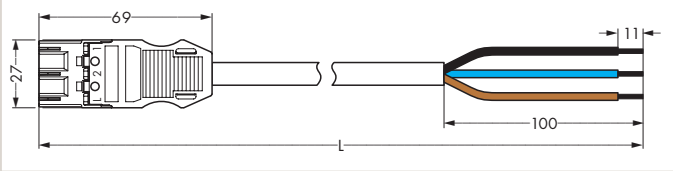
Dimensions (in mm):



Connecting cable, plug – free end, for distribution connector (series and two-way circuits), halogen-free, S-coding		
Length	● black	Pack. Unit
1 m	771-9973/216-105	1
2 m	771-9973/216-205	1
3 m	771-9973/216-305	1
4 m	771-9973/216-405	1
5 m	771-9973/216-505	1
6 m	771-9973/216-605	1
7 m	771-9973/216-705	1
8 m	771-9973/216-805	1



Dimensions (in mm):



Connecting cable, plug – free end, for distribution connector (motion sensor), halogen-free, S-coding		
Length	● black	Pack. Unit
1 m	771-9973/216-104	1
2 m	771-9973/216-204	1
3 m	771-9973/216-304	1
4 m	771-9973/216-404	1
5 m	771-9973/216-504	1
6 m	771-9973/216-604	1
7 m	771-9973/216-704	1
8 m	771-9973/216-804	1

Coding	Marking	Color
S	1 2 L	● brown

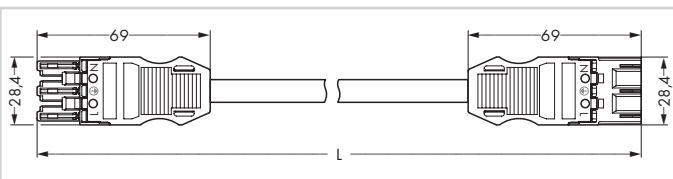
WINSTA® MIDI

Cable Assemblies, 3 x 2.5 mm², PVC

771 Series



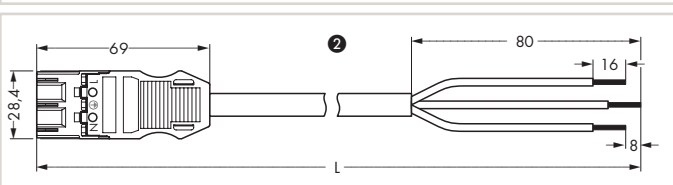
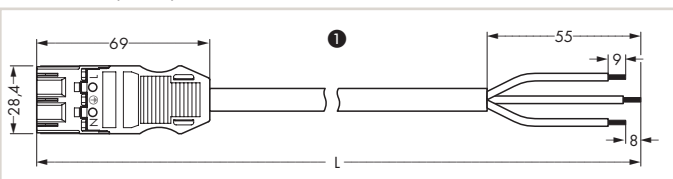
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9993/007-101	771-9993/007-102	1
2 m	771-9993/007-201	771-9993/007-202	1
3 m	771-9993/007-301	771-9993/007-302	1
4 m	771-9993/007-401	771-9993/007-402	1
5 m	771-9993/007-501	771-9993/007-502	1
6 m	771-9993/007-601	771-9993/007-602	1
7 m	771-9993/007-701	771-9993/007-702	1
8 m	771-9993/007-801	771-9993/007-802	1

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9993/107-101	771-9993/107-102	1
2 m	771-9993/107-201	771-9993/107-202	1
3 m	771-9993/107-301	771-9993/107-302	1
4 m	771-9993/107-401	771-9993/107-402	1
5 m	771-9993/107-501	771-9993/107-502	1
6 m	771-9993/107-601	771-9993/107-602	1
7 m	771-9993/107-701	771-9993/107-702	1
8 m	771-9993/107-801	771-9993/107-802	1

Connecting cable,
plug – free end, PVC, A-coding

Length	● black ①	○ white ①	● black ②	Pack. Unit
1 m	771-9993/207-101	771-9993/207-102	771-9993/3207-101	1
2 m	771-9993/207-201	771-9993/207-202	771-9993/3207-201	1
3 m	771-9993/207-301	771-9993/207-302	771-9993/3207-301	1
4 m	771-9993/207-401	771-9993/207-402	771-9993/3207-401	1
5 m	771-9993/207-501	771-9993/207-502	771-9993/3207-501	1
6 m	771-9993/207-601	771-9993/207-602	771-9993/3207-601	1
7 m	771-9993/207-701	771-9993/207-702	771-9993/3207-701	1
8 m	771-9993/207-801	771-9993/207-802	771-9993/3207-801	1

Coding

A

A

Marking

L ⊕ N

L ⊕ N

Color

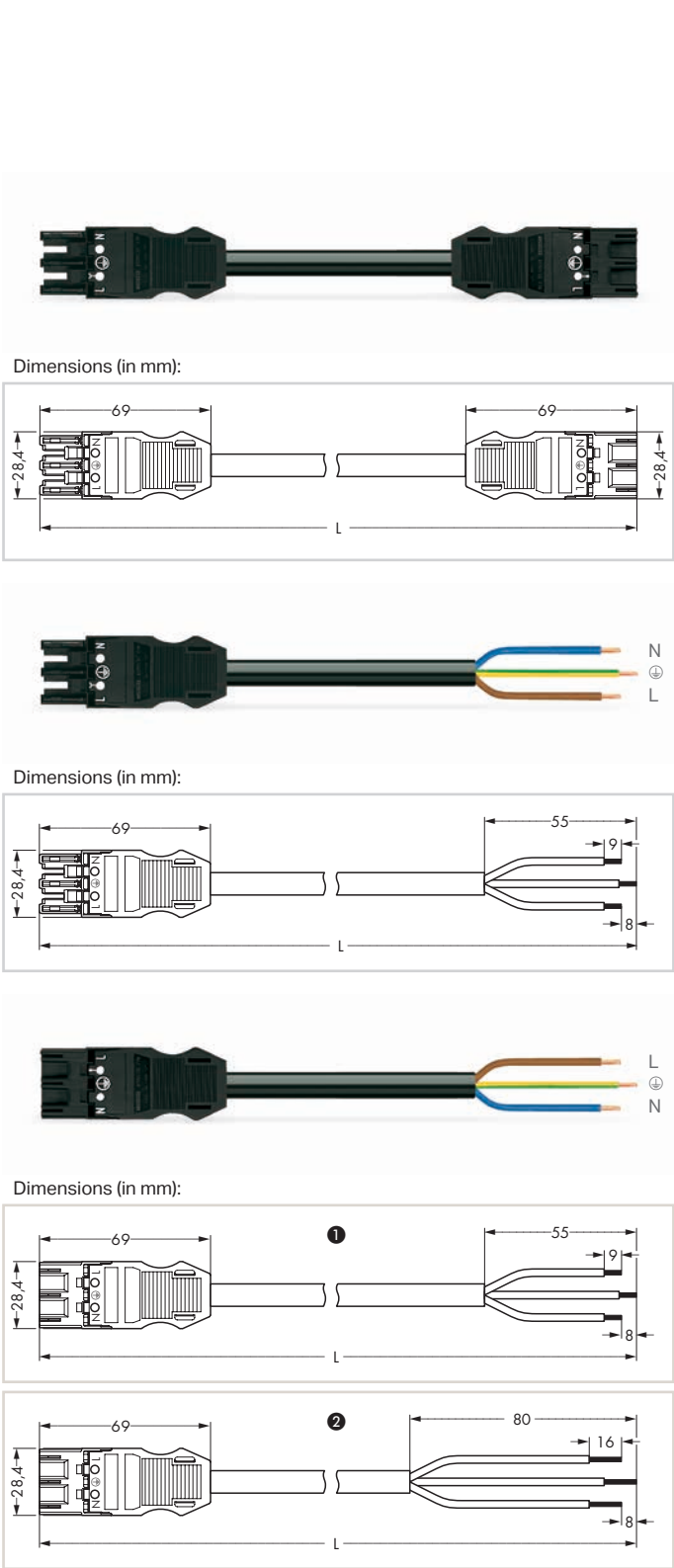
● black

○ white

WINSTA® MIDI

Cable Assemblies, 3 x 2.5 mm², Halogen-Free

771 Series



Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9993/017-101	771-9993/017-102	1
2 m	771-9993/017-201	771-9993/017-202	1
3 m	771-9993/017-301	771-9993/017-302	1
4 m	771-9993/017-401	771-9993/017-402	1
5 m	771-9993/017-501	771-9993/017-502	1
6 m	771-9993/017-601	771-9993/017-602	1
7 m	771-9993/017-701	771-9993/017-702	1
8 m	771-9993/017-801	771-9993/017-802	1

Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9993/117-101	771-9993/117-102	1
2 m	771-9993/117-201	771-9993/117-202	1
3 m	771-9993/117-301	771-9993/117-302	1
4 m	771-9993/117-401	771-9993/117-402	1
5 m	771-9993/117-501	771-9993/117-502	1
6 m	771-9993/117-601	771-9993/117-602	1
7 m	771-9993/117-701	771-9993/117-702	1
8 m	771-9993/117-801	771-9993/117-802	1

Connecting cable, plug – free end, halogen-free, A-coding				
Length	● black ①	○ white ①	● black ②	Pack. Unit
1 m	771-9993/217-101	771-9993/217-102	771-9993/3217-101	1
2 m	771-9993/217-201	771-9993/217-202	771-9993/3217-201	1
3 m	771-9993/217-301	771-9993/217-302	771-9993/3217-301	1
4 m	771-9993/217-401	771-9993/217-402	771-9993/3217-401	1
5 m	771-9993/217-501	771-9993/217-502	771-9993/3217-501	1
6 m	771-9993/217-601	771-9993/217-602	771-9993/3217-601	1
7 m	771-9993/217-701	771-9993/217-702	771-9993/3217-701	1
8 m	771-9993/217-801	771-9993/217-802	771-9993/3217-801	1

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

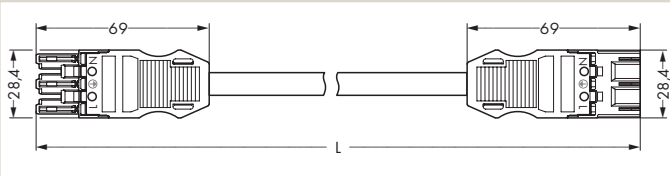
WINSTA® MIDI

Cable Assemblies, 3 x 2.5 mm², PVC

771 Series



Dimensions (in mm):



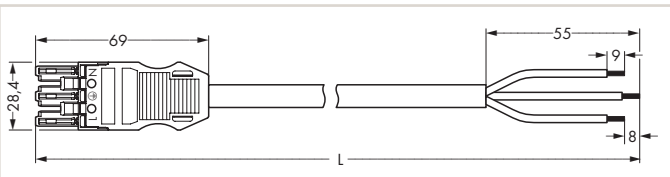
Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9973/007-101	771-9973/007-102	1
2 m	771-9973/007-201	771-9973/007-202	1
3 m	771-9973/007-301	771-9973/007-302	1
4 m	771-9973/007-401	771-9973/007-402	1
5 m	771-9973/007-501	771-9973/007-502	1
6 m	771-9973/007-601	771-9973/007-602	1
7 m	771-9973/007-701	771-9973/007-702	1
8 m	771-9973/007-801	771-9973/007-802	1



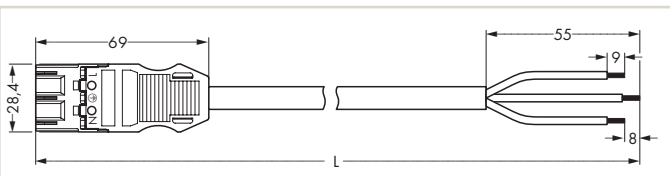
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9973/107-101	771-9973/107-102	1
2 m	771-9973/107-201	771-9973/107-202	1
3 m	771-9973/107-301	771-9973/107-302	1
4 m	771-9973/107-401	771-9973/107-402	1
5 m	771-9973/107-501	771-9973/107-502	1
6 m	771-9973/107-601	771-9973/107-602	1
7 m	771-9973/107-701	771-9973/107-702	1
8 m	771-9973/107-801	771-9973/107-802	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9973/207-101	771-9973/207-102	1
2 m	771-9973/207-201	771-9973/207-202	1
3 m	771-9973/207-301	771-9973/207-302	1
4 m	771-9973/207-401	771-9973/207-402	1
5 m	771-9973/207-501	771-9973/207-502	1
6 m	771-9973/207-601	771-9973/207-602	1
7 m	771-9973/207-701	771-9973/207-702	1
8 m	771-9973/207-801	771-9973/207-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding
P

Marking
L ⊕ N

Color
● red

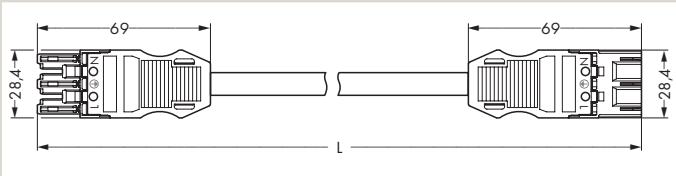
WINSTA® MIDI

Cable Assemblies, 3 x 2.5 mm², Halogen-Free

771 Series



Dimensions (in mm):

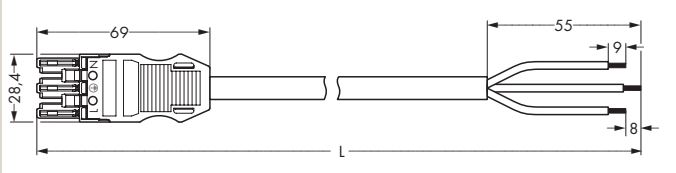


Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9973/017-101	771-9973/017-102	1
2 m	771-9973/017-201	771-9973/017-202	1
3 m	771-9973/017-301	771-9973/017-302	1
4 m	771-9973/017-401	771-9973/017-402	1
5 m	771-9973/017-501	771-9973/017-502	1
6 m	771-9973/017-601	771-9973/017-602	1
7 m	771-9973/017-701	771-9973/017-702	1
8 m	771-9973/017-801	771-9973/017-802	1



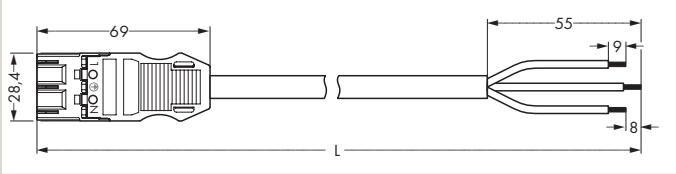
Dimensions (in mm):



Connecting cable, socket – free end, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9973/117-101	771-9973/117-102	1
2 m	771-9973/117-201	771-9973/117-202	1
3 m	771-9973/117-301	771-9973/117-302	1
4 m	771-9973/117-401	771-9973/117-402	1
5 m	771-9973/117-501	771-9973/117-502	1
6 m	771-9973/117-601	771-9973/117-602	1
7 m	771-9973/117-701	771-9973/117-702	1
8 m	771-9973/117-801	771-9973/117-802	1



Dimensions (in mm):



Connecting cable, plug – free end, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9973/217-101	771-9973/217-102	1
2 m	771-9973/217-201	771-9973/217-202	1
3 m	771-9973/217-301	771-9973/217-302	1
4 m	771-9973/217-401	771-9973/217-402	1
5 m	771-9973/217-501	771-9973/217-502	1
6 m	771-9973/217-601	771-9973/217-602	1
7 m	771-9973/217-701	771-9973/217-702	1
8 m	771-9973/217-801	771-9973/217-802	1

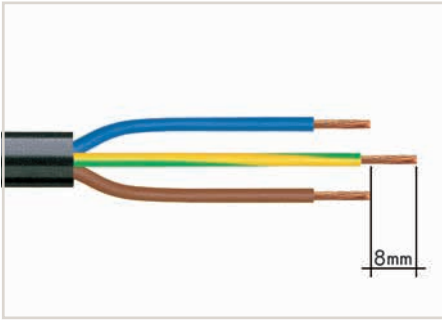
Coding	Marking	Color
P	L ⊕ N	● red

WINSTA® MIDI

IP 2XD, for Easily Accessible Areas

770 Series

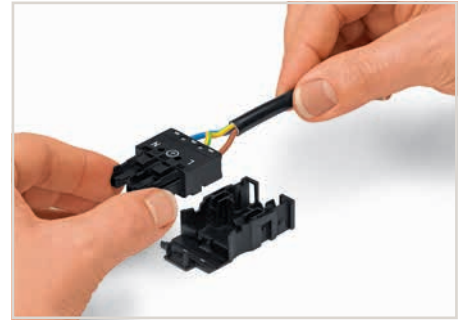
3



1. Strip length, outer insulation = 48 mm
2. Strip length = 9 mm
3. Extended ground conductor = 8 mm



To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert stripped conductor until it hits backstop. Terminate solid conductors by simply pushing them in.



Latch wired connector onto the base of the strain relief housing.



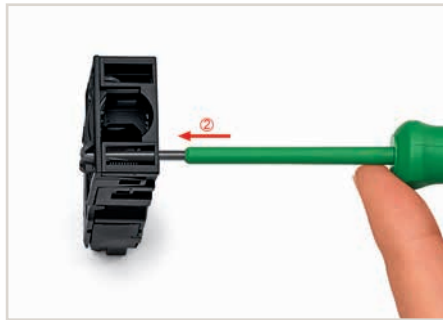
Assembly: Prepare strain relief housing by snapping together upper and bottom part.



Push down strain relief clamp via screwdriver (2.5 mm blade width) alternately on both sides.



Disassembly: First, unlock strain relief clamp via screwdriver (2.5 mm blade width) from the bottom.



Then, push strain relief clamp via screwdriver out of the locking position.

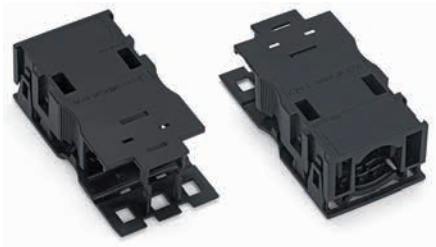


Finally, unlock strain relief housing via screwdriver on both sides.

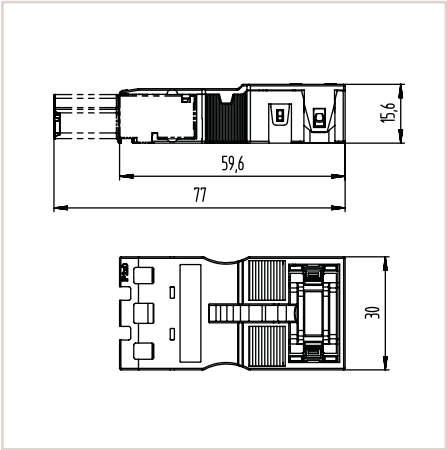
WINSTA® MIDI

IP 2XD, Strain Relief Housings, 3-Pole

770 Series



Dimensions (in mm):



Strain relief housing, for one cable,
7 ... 11.5 mm cable diameter,
48 mm strip length

Color	Item No.	Pack. Unit
black	770-503/038-000	100
white	770-513/038-000	100

- 770 Series Accessories,
see page 343
- Approvals,
see www.wago.com
- Coding Overview,
see page 360

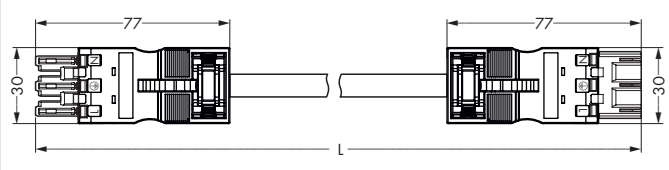
WINSTA® MIDI

IP 2XD, Cable Assemblies, 3 x 1.5 mm², PVC

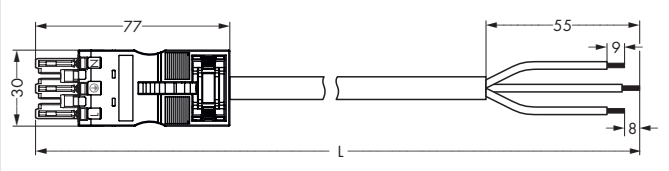
771 Series



Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-6993/006-101	771-6993/006-102	1
2 m	771-6993/006-201	771-6993/006-202	1
3 m	771-6993/006-301	771-6993/006-302	1
4 m	771-6993/006-401	771-6993/006-402	1
5 m	771-6993/006-501	771-6993/006-502	1
6 m	771-6993/006-601	771-6993/006-602	1
7 m	771-6993/006-701	771-6993/006-702	1
8 m	771-6993/006-801	771-6993/006-802	1

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-6993/106-101	771-6993/106-102	1
2 m	771-6993/106-201	771-6993/106-202	1
3 m	771-6993/106-301	771-6993/106-302	1
4 m	771-6993/106-401	771-6993/106-402	1
5 m	771-6993/106-501	771-6993/106-502	1
6 m	771-6993/106-601	771-6993/106-602	1
7 m	771-6993/106-701	771-6993/106-702	1
8 m	771-6993/106-801	771-6993/106-802	1

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-6993/206-101	771-6993/206-102	1
2 m	771-6993/206-201	771-6993/206-202	1
3 m	771-6993/206-301	771-6993/206-302	1
4 m	771-6993/206-401	771-6993/206-402	1
5 m	771-6993/206-501	771-6993/206-502	1
6 m	771-6993/206-601	771-6993/206-602	1
7 m	771-6993/206-701	771-6993/206-702	1
8 m	771-6993/206-801	771-6993/206-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

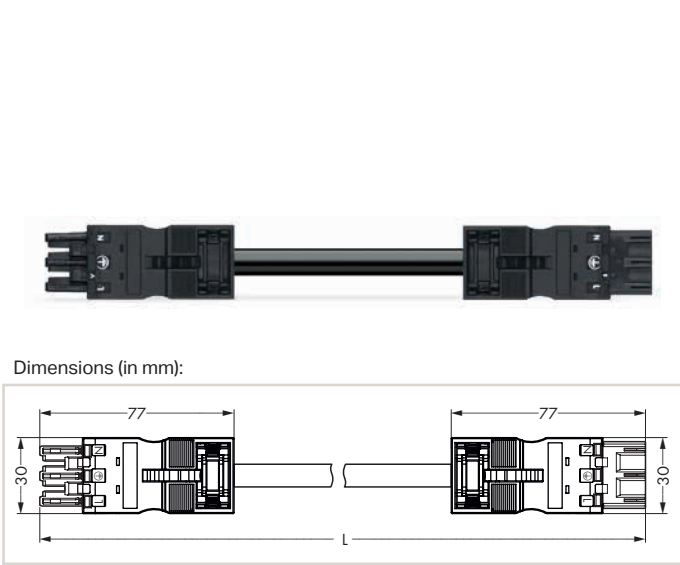
Codings,
see page 360

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MIDI

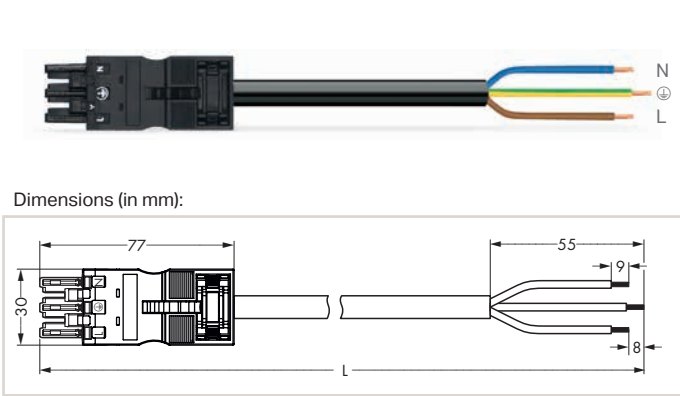
IP 2XD, Cable Assemblies, 3 x 1.5 mm², Halogen-Free

771 Series

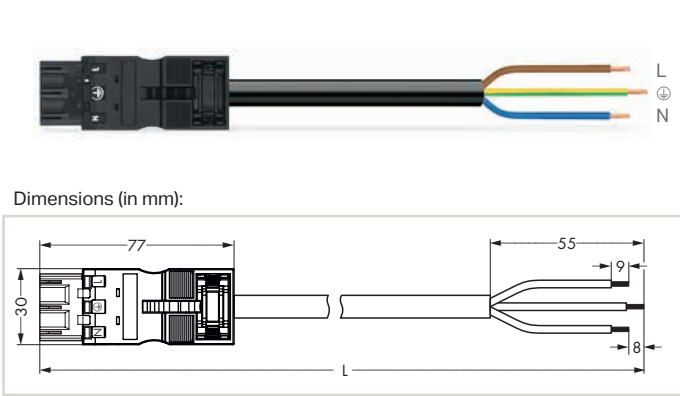


Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-6993/016-101	771-6993/016-102	1
2 m	771-6993/016-201	771-6993/016-202	1
3 m	771-6993/016-301	771-6993/016-302	1
4 m	771-6993/016-401	771-6993/016-402	1
5 m	771-6993/016-501	771-6993/016-502	1
6 m	771-6993/016-601	771-6993/016-602	1
7 m	771-6993/016-701	771-6993/016-702	1
8 m	771-6993/016-801	771-6993/016-802	1



Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-6993/116-101	771-6993/116-102	1
2 m	771-6993/116-201	771-6993/116-202	1
3 m	771-6993/116-301	771-6993/116-302	1
4 m	771-6993/116-401	771-6993/116-402	1
5 m	771-6993/116-501	771-6993/116-502	1
6 m	771-6993/116-601	771-6993/116-602	1
7 m	771-6993/116-701	771-6993/116-702	1
8 m	771-6993/116-801	771-6993/116-802	1



Connecting cable, plug – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-6993/216-101	771-6993/216-102	1
2 m	771-6993/216-201	771-6993/216-202	1
3 m	771-6993/216-301	771-6993/216-302	1
4 m	771-6993/216-401	771-6993/216-402	1
5 m	771-6993/216-501	771-6993/216-502	1
6 m	771-6993/216-601	771-6993/216-602	1
7 m	771-6993/216-701	771-6993/216-702	1
8 m	771-6993/216-801	771-6993/216-802	1

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

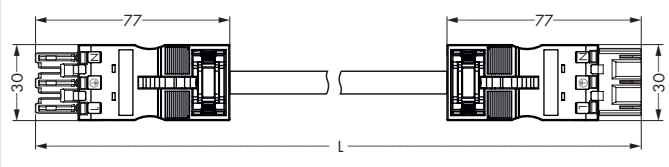
WINSTA® MIDI

IP 2XD, Cable Assemblies, 3 x 2.5 mm², PVC

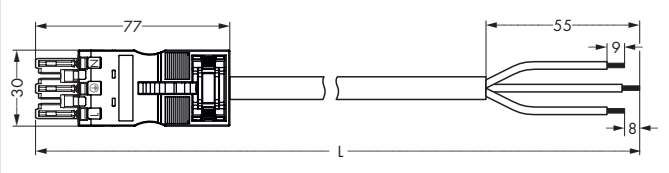
771 Series



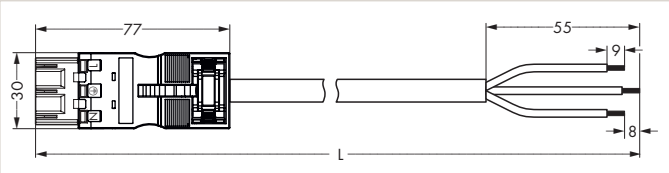
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-6993/007-101	771-6993/007-102	1
2 m	771-6993/007-201	771-6993/007-202	1
3 m	771-6993/007-301	771-6993/007-302	1
4 m	771-6993/007-401	771-6993/007-402	1
5 m	771-6993/007-501	771-6993/007-502	1
6 m	771-6993/007-601	771-6993/007-602	1
7 m	771-6993/007-701	771-6993/007-702	1
8 m	771-6993/007-801	771-6993/007-802	1

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-6993/107-101	771-6993/107-102	1
2 m	771-6993/107-201	771-6993/107-202	1
3 m	771-6993/107-301	771-6993/107-302	1
4 m	771-6993/107-401	771-6993/107-402	1
5 m	771-6993/107-501	771-6993/107-502	1
6 m	771-6993/107-601	771-6993/107-602	1
7 m	771-6993/107-701	771-6993/107-702	1
8 m	771-6993/107-801	771-6993/107-802	1

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-6993/207-101	771-6993/207-102	1
2 m	771-6993/207-201	771-6993/207-202	1
3 m	771-6993/207-301	771-6993/207-302	1
4 m	771-6993/207-401	771-6993/207-402	1
5 m	771-6993/207-501	771-6993/207-502	1
6 m	771-6993/207-601	771-6993/207-602	1
7 m	771-6993/207-701	771-6993/207-702	1
8 m	771-6993/207-801	771-6993/207-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

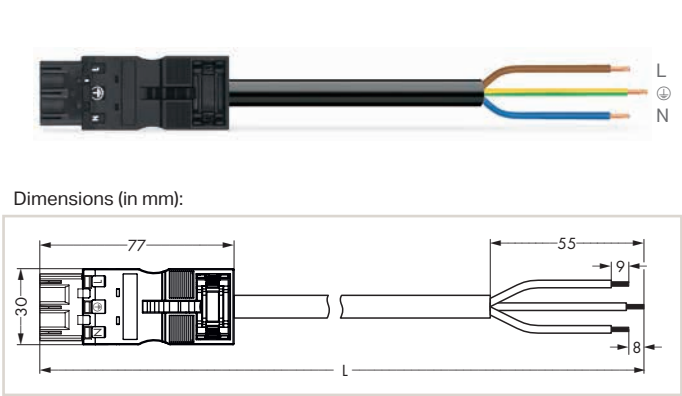
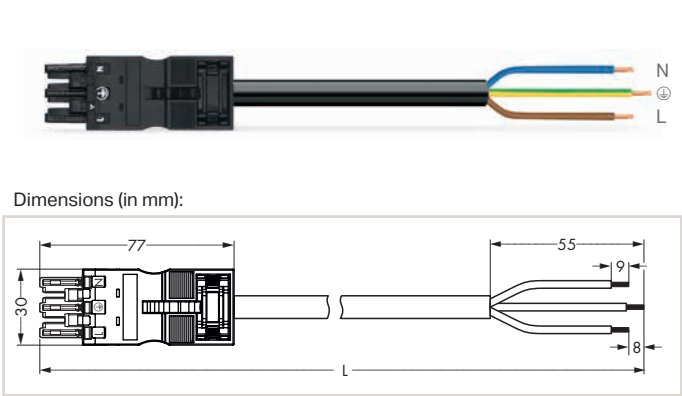
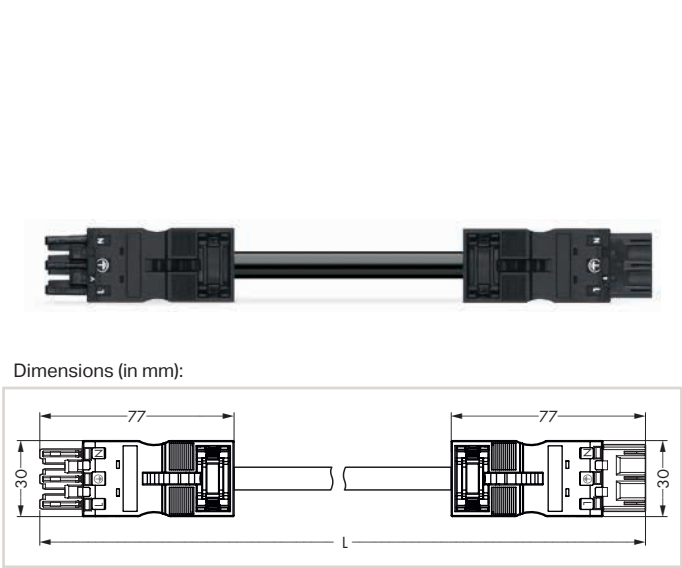
Codings,
see page 360

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MIDI

IP 2XD, Cable Assemblies, 3 x 2.5 mm², Halogen-Free

771 Series



Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-6993/017-101	771-6993/017-102	1
2 m	771-6993/017-201	771-6993/017-202	1
3 m	771-6993/017-301	771-6993/017-302	1
4 m	771-6993/017-401	771-6993/017-402	1
5 m	771-6993/017-501	771-6993/017-502	1
6 m	771-6993/017-601	771-6993/017-602	1
7 m	771-6993/017-701	771-6993/017-702	1
8 m	771-6993/017-801	771-6993/017-802	1

Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-6993/117-101	771-6993/117-102	1
2 m	771-6993/117-201	771-6993/117-202	1
3 m	771-6993/117-301	771-6993/117-302	1
4 m	771-6993/117-401	771-6993/117-402	1
5 m	771-6993/117-501	771-6993/117-502	1
6 m	771-6993/117-601	771-6993/117-602	1
7 m	771-6993/117-701	771-6993/117-702	1
8 m	771-6993/117-801	771-6993/117-802	1

Connecting cable, plug – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-6993/217-101	771-6993/217-102	1
2 m	771-6993/217-201	771-6993/217-202	1
3 m	771-6993/217-301	771-6993/217-302	1
4 m	771-6993/217-401	771-6993/217-402	1
5 m	771-6993/217-501	771-6993/217-502	1
6 m	771-6993/217-601	771-6993/217-602	1
7 m	771-6993/217-701	771-6993/217-702	1
8 m	771-6993/217-801	771-6993/217-802	1

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MIDI

Sockets and Plugs, 4-Pole 770 Series



Snap on locking lever – observe direction (picture shows 3-pole plug).

Conductor range

0.5 ... 4 mm² / 20 ... 12 AWG

Rated voltage

400 V

Rated current

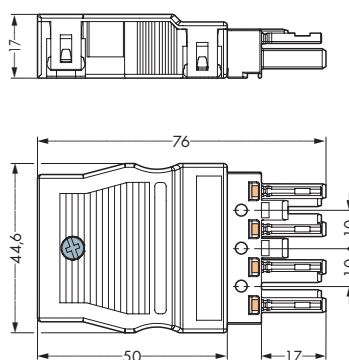
25 A

Strip length

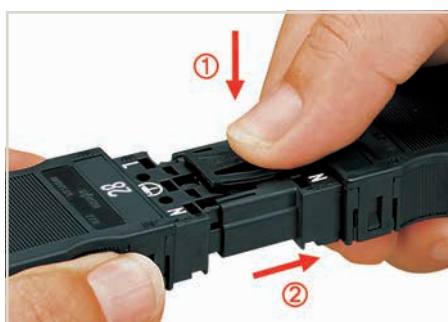
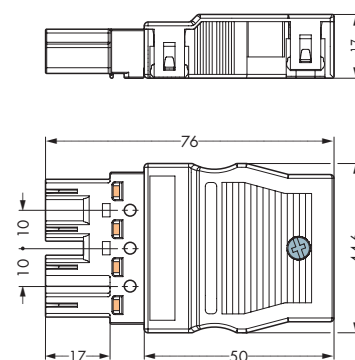
9 mm / 0.35 inch



Dimensions (in mm):

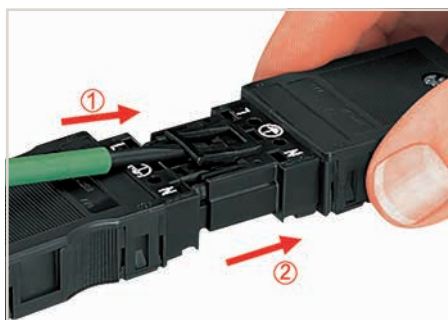


Dimensions (in mm):



Locking lever, manually operated (picture shows 3-pole connectors):

- Push on locking lever.
- Pull apart the connectors.



Locking lever, tool operated (picture shows 3-pole connectors):

- Unlatch locking lever.
- Pull apart the connectors.

Socket, with strain relief housing, for two cables, 9 ... 13 mm cable diameter, 55 mm strip length

Color	Item No.	Pack. Unit
● black	770-104	25
○ white	770-124	25

Plug, with strain relief housing, for two cables, 9 ... 13 mm cable diameter, 55 mm strip length

Color	Item No.	Pack. Unit
● black	770-114	25
○ white	770-134	25

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

 770 Series Accessories, see page 343

 Approvals, see www.wago.com

 Coding Overview, see page 360

Coding

A

A

Marking

N ⊕ 2/L 1/L

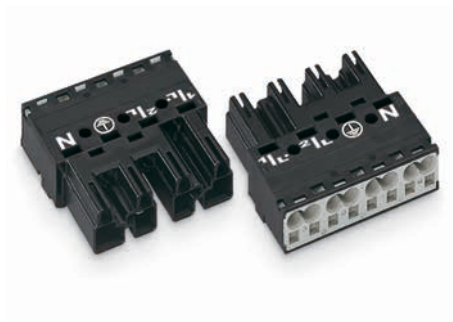
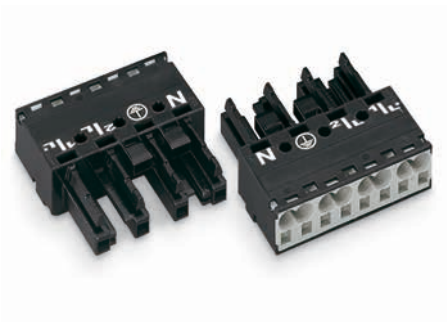
N ⊕ 2/L 1/L

Color

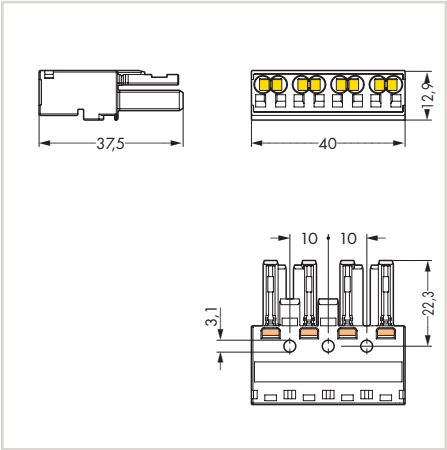
● black

○ white

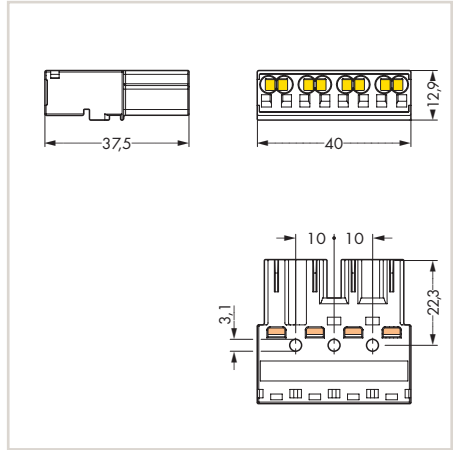
Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	400 V
Rated current	25 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
● black	770-204	50
○ white	770-224	50

Plug, without strain relief housing		
Color	Item No.	Pack. Unit
● black	770-214	50
○ white	770-234	50

Socket, without strain relief housing, for "Clean Earth" applications (rated up to 32 A)		
Color	Item No.	Pack. Unit
● green	770-1324	50

Plug, without strain relief housing, for "Clean Earth" applications (rated up to 32 A)		
Color	Item No.	Pack. Unit
● green	770-1334	50

Coding	Marking	Color
A	N Ⓢ 2L 1L	● black
A	N Ⓢ 2L 1L	○ white
Q	N PE1 PE2 L	● green

WINSTA® MIDI

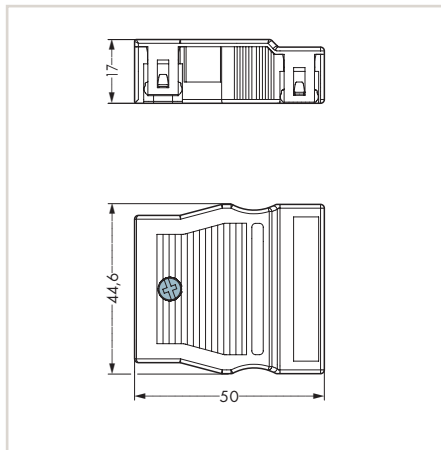
Strain Relief Housings for Different Cable Diameters, 4-Pole
770 Series

Snap-on type strain relief housings for:

- 4-pole sockets
- 4-pole plugs



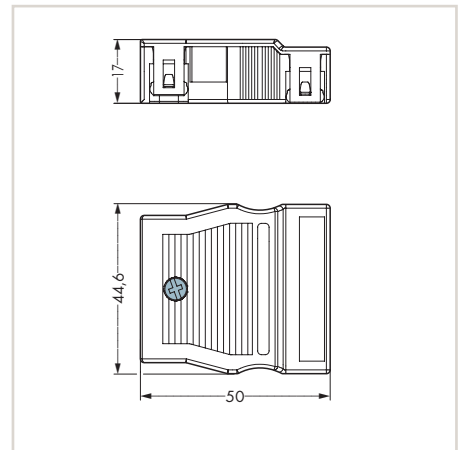
Dimensions (in mm):



Strain relief housing,
for two cables,
for 5 ... 9 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
black	770-504/023-000	50
white	770-514/023-000	50

Dimensions (in mm):



Strain relief housing,
for two cables,
for 9 ... 13 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
black	770-504	50
white	770-514	50

All strain relief housings are suitable for H05VV
and NYM cables.
Other cables available upon request.

 Marking strips,
see page 357

 Approvals,
see www.wago.com

WINSTA® MIDI

Snap-In Sockets and Plugs, 4-Pole

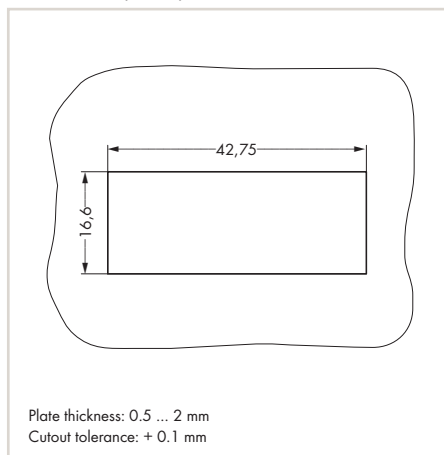
770 Series

Conductor range
Rated voltage
Rated current
Strip length

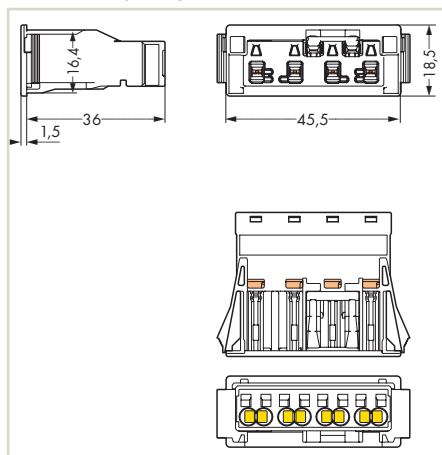
0.5 ... 4 mm ² / 20 ... 12 AWG
400 V
25 A (32 A)
9 mm / 0.35 inch



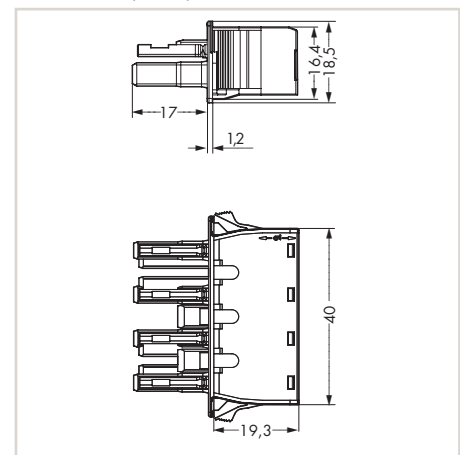
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket		
Color	Item No.	Pack. Unit
● black	770-704	100
○ white	770-724	100

Socket, for "Clean Earth" applications (rated up to 32 A)		
Color	Item No.	Pack. Unit
● green	770-2324	100

Socket, with protruding interface		
Color	Item No.	Pack. Unit
● black	770-704/009-000	100
○ white	770-724/009-000	100

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding	Marking
A	N ⊕ 2 _L 1 _L
A	N ⊕ 2 _L 1 _L
Q	N PE1 PE2 L

Color
● black
○ white
● green

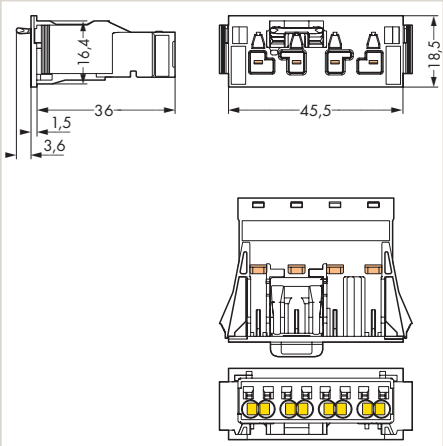


Varnish-piercing direct ground contact

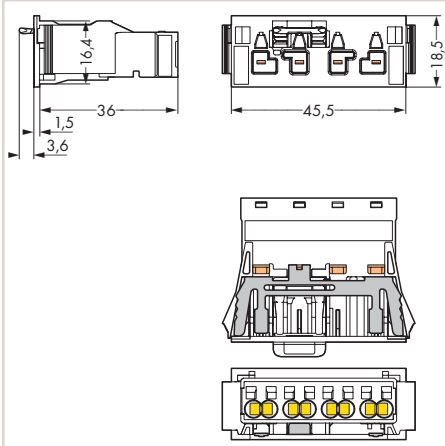
Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	400 V
Rated current	25 A (32 A)
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Plug		
Color	Item No.	Pack. Unit
● black	770-714	100
○ white	770-734	100

Plug, for "Clean Earth" applications (rated up to 32 A)		
Color	Item No.	Pack. Unit
● green	770-2334	100

Plug, with direct ground contact		
Color	Item No.	Pack. Unit
● black	770-714/007-000	100
○ white	770-734/007-000	100

Plug, with direct ground contact, for "Clean Earth" applications (rated up to 32 A)		
Color	Item No.	Pack. Unit
● green	770-2334/007-000	100

Coding	Marking	Color
A	N Ⓟ 2L 1L	● black
A	N Ⓟ 2L 1L	○ white
Q	N PE1 PE2 L	● green

WINSTA® MIDI

Pluggable PCB Connectors, 4-Pole

770 Series

Rated voltage

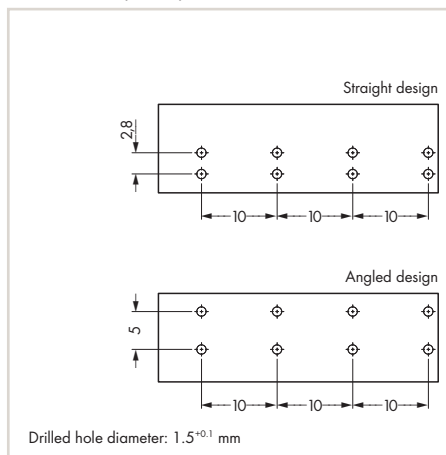
400 V

Rated current

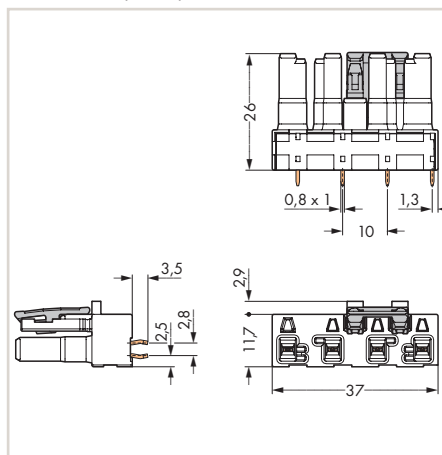
25 A



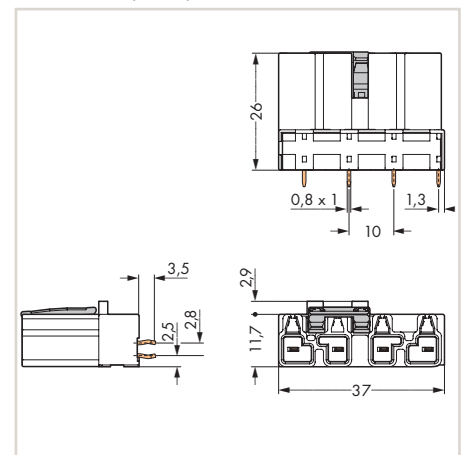
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):

**Socket, straight**

Color	Item No.	Pack. Unit
● black	770-804	50
○ white	770-824	50

Plug, straight

Color	Item No.	Pack. Unit
● black	770-814	50
○ white	770-834	50

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

Marking

N Ⓢ 1/L 2/L

N Ⓢ 1/L 2/L

Color

● black

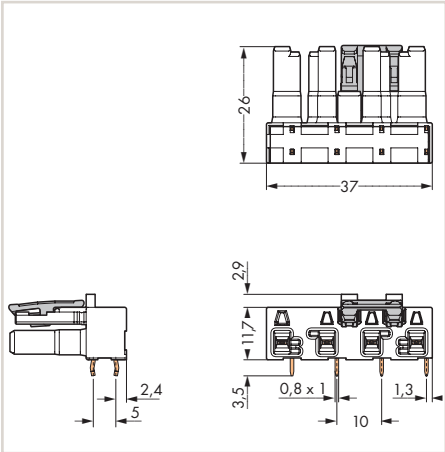
○ white

Rated voltage	400 V
Rated current	25 A



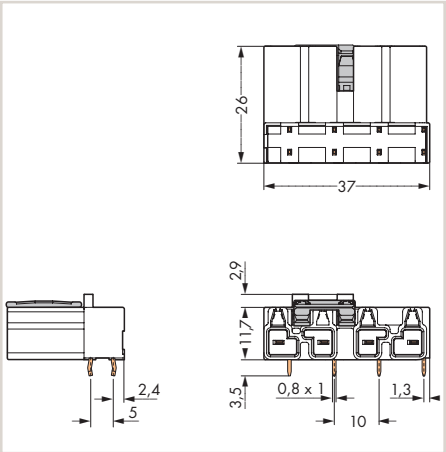
3

Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
● black	770-804/011-000	50
○ white	770-824/011-000	50

Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
● black	770-814/011-000	50
○ white	770-834/011-000	50

Coding	Marking	Color
A	N ⊕ 2L 1L	● black
A	N ⊕ 2L 1L	○ white

WINSTA® MIDI

Linect® T-Distribution Connectors and T-Connectors, 4-Pole
770 Series

Rated voltage

400 V

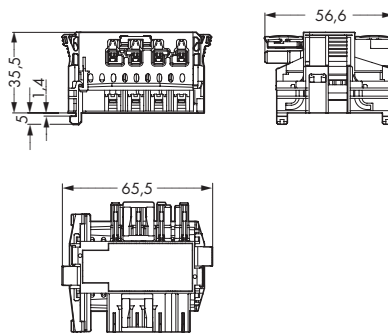
Rated current

25 A

3



Dimensions (in mm):

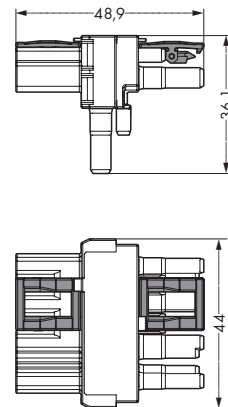


Linect® T-connector,
socket – plug,
white housing, white cover,
for lighting connectors
294-8024 and 294-8124

Color	Item No.	Pack. Unit
○ white	770-6224	25



Dimensions (in mm):



T-distribution connector,
1 x plug/2 x socket

Color	Item No.	Pack. Unit
● black	770-626	50
○ white	770-676	50

T-distribution connector,
1 x plug/2 x socket,
for "flying leads,"
with 3rd locking lever

Color	Item No.	Pack. Unit
● black	770-627	50
○ white	770-677	50

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

Marking

N ⊕ 2L 1L

N ⊕ 2L 1L

Color

● black

○ white

WINSTA® MIDI

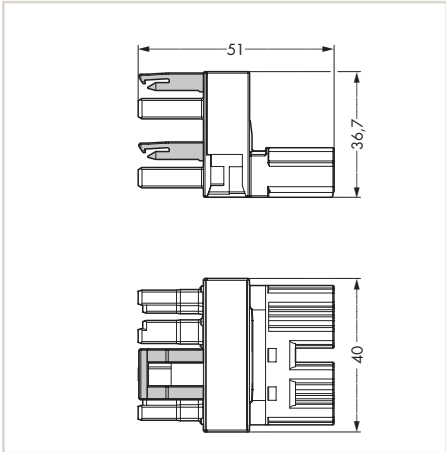
h-Distribution Connectors, 4-Pole

770 Series

Rated voltage	400 V
Rated current	25 A



Dimensions (in mm):



h-distribution connector, unidirectional,
plug/socket – socket

Color	Item No.	Pack. Unit
● black	770-944	25
○ white	770-994	25

h-distribution connector, unidirectional,
plug/socket – socket,
for “flying leads,”
with 3rd locking lever

Color	Item No.	Pack. Unit
● black	770-945	25
○ white	770-995	25

Coding	Marking	Color
A	N Ⓢ 2L 1L	● black
A	N Ⓢ 2L 1L	○ white

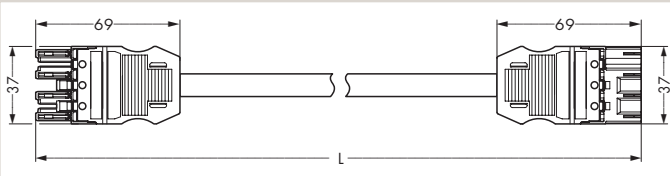
WINSTA® MIDI

Cable Assemblies, 5 x 1.5 mm², PVC

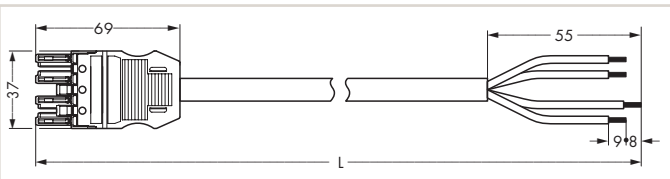
771 Series



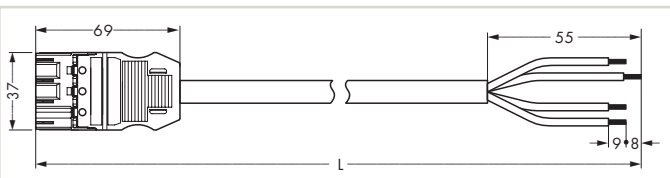
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9994/006-101	771-9994/006-102	1
2 m	771-9994/006-201	771-9994/006-202	1
3 m	771-9994/006-301	771-9994/006-302	1
4 m	771-9994/006-401	771-9994/006-402	1
5 m	771-9994/006-501	771-9994/006-502	1
6 m	771-9994/006-601	771-9994/006-602	1
7 m	771-9994/006-701	771-9994/006-702	1
8 m	771-9994/006-801	771-9994/006-802	1

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9994/106-101	771-9994/106-102	1
2 m	771-9994/106-201	771-9994/106-202	1
3 m	771-9994/106-301	771-9994/106-302	1
4 m	771-9994/106-401	771-9994/106-402	1
5 m	771-9994/106-501	771-9994/106-502	1
6 m	771-9994/106-601	771-9994/106-602	1
7 m	771-9994/106-701	771-9994/106-702	1
8 m	771-9994/106-801	771-9994/106-802	1

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9994/206-101	771-9994/206-102	1
2 m	771-9994/206-201	771-9994/206-202	1
3 m	771-9994/206-301	771-9994/206-302	1
4 m	771-9994/206-401	771-9994/206-402	1
5 m	771-9994/206-501	771-9994/206-502	1
6 m	771-9994/206-601	771-9994/206-602	1
7 m	771-9994/206-701	771-9994/206-702	1
8 m	771-9994/206-801	771-9994/206-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

A

A

Marking

N ⊕ 2_L 1_LN ⊕ 2_L 1_L

Color

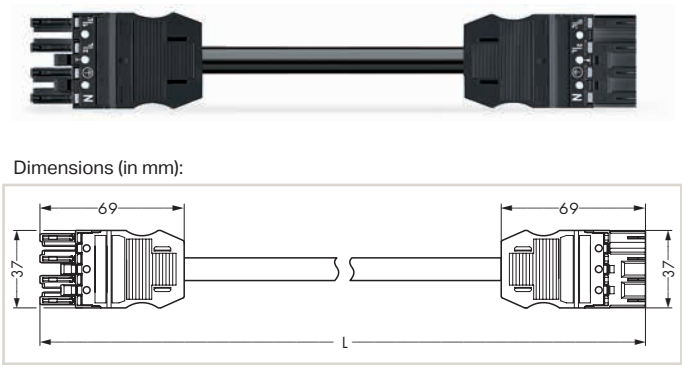
● black

○ white

WINSTA® MIDI

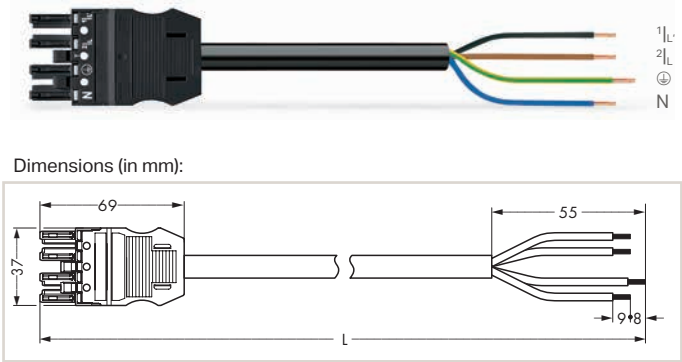
Cable Assemblies, 5 x 1.5 mm², Halogen-Free

771 Series

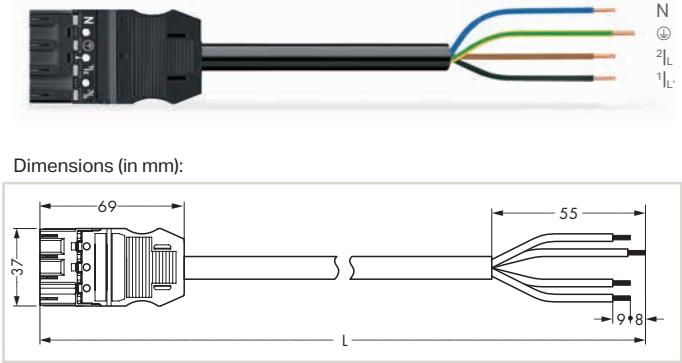


Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9994/016-101	771-9994/016-102	1
2 m	771-9994/016-201	771-9994/016-202	1
3 m	771-9994/016-301	771-9994/016-302	1
4 m	771-9994/016-401	771-9994/016-402	1
5 m	771-9994/016-501	771-9994/016-502	1
6 m	771-9994/016-601	771-9994/016-602	1
7 m	771-9994/016-701	771-9994/016-702	1
8 m	771-9994/016-801	771-9994/016-802	1



Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9994/116-101	771-9994/116-102	1
2 m	771-9994/116-201	771-9994/116-202	1
3 m	771-9994/116-301	771-9994/116-302	1
4 m	771-9994/116-401	771-9994/116-402	1
5 m	771-9994/116-501	771-9994/116-502	1
6 m	771-9994/116-601	771-9994/116-602	1
7 m	771-9994/116-701	771-9994/116-702	1
8 m	771-9994/116-801	771-9994/116-802	1



Connecting cable, plug – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9994/216-101	771-9994/216-102	1
2 m	771-9994/216-201	771-9994/216-202	1
3 m	771-9994/216-301	771-9994/216-302	1
4 m	771-9994/216-401	771-9994/216-402	1
5 m	771-9994/216-501	771-9994/216-502	1
6 m	771-9994/216-601	771-9994/216-602	1
7 m	771-9994/216-701	771-9994/216-702	1
8 m	771-9994/216-801	771-9994/216-802	1

Coding	Marking	Color
A	N Ⓢ 2/L 1/L	● black
A	N Ⓢ 2/L 1/L	○ white

WINSTA® MIDI

Sockets and Plugs, 5-Pole 770 Series



Snap on locking lever – observe direction (picture shows 3-pole plug).

Conductor range

0.5 ... 4 mm² / 20 ... 12 AWG

Rated voltage

400 V

Rated current

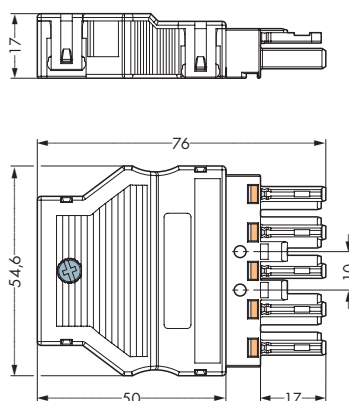
25 A

Strip length

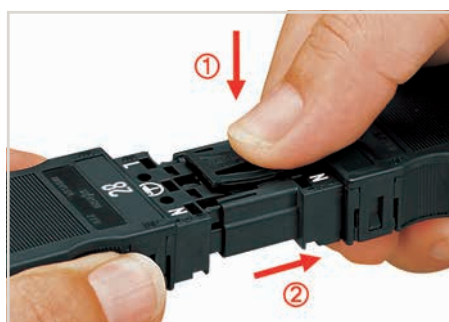
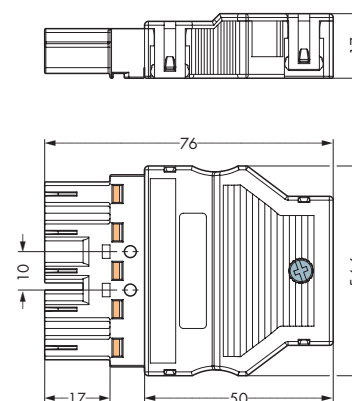
9 mm / 0.35 inch



Dimensions (in mm):

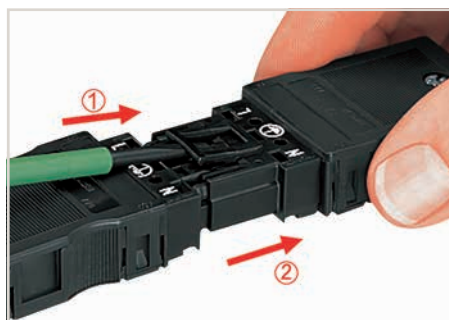


Dimensions (in mm):



Locking lever, manually operated (picture shows 3-pole connectors):

- Push on locking lever.
- Pull apart the connectors.



Locking lever, tool operated (picture shows 3-pole connectors):

- Unlatch locking lever.
- Pull apart the connectors.

Socket, with strain relief housing,
for two cables,
9 ... 13 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
● black	770-105	25
○ white	770-125	25

Plug, with strain relief housing,
for two cables,
9 ... 13 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
● black	770-115	25
○ white	770-135	25

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

Marking

N ⊕ L1 L2 L3

N ⊕ L1 L2 L3

Color

● black

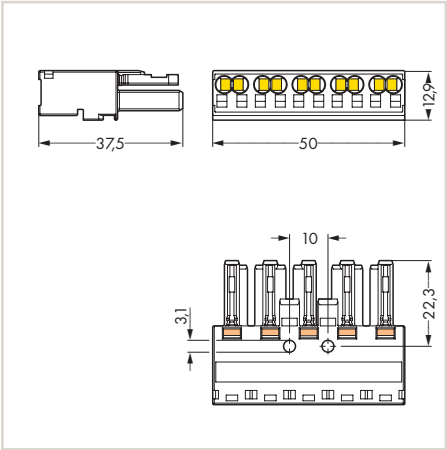
○ white

Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	400 V
Rated current	25 A (32 A)
Strip length	9 mm / 0.35 inch

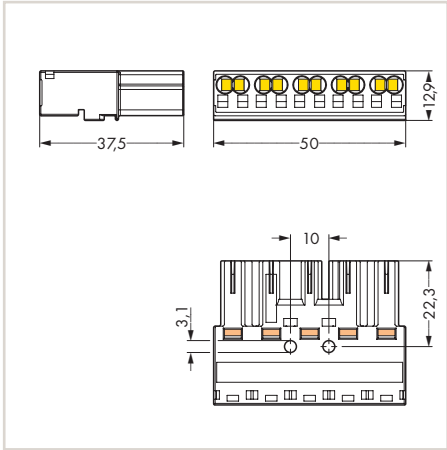


3

Dimensions (in mm):



Dimensions (in mm):



Socket,
without strain relief housing

Color	Item No.	Pack. Unit
● black	770-205	50
○ white	770-225	50
● blue	770-1105	50
● dark gray	770-1165	50
● red	770-1305	50

Plug,
without strain relief housing

Color	Item No.	Pack. Unit
● black	770-215	50
○ white	770-235	50
● blue	770-1115	50
● dark gray	770-1175	50
● red	770-1315	50

Socket,
without strain relief housing,
for "Clean Earth" applications (rated up to 32 A)

Color	Item No.	Pack. Unit
● green	770-1325	50

Plug,
without strain relief housing,
for "Clean Earth" applications (rated up to 32 A)

Color	Item No.	Pack. Unit
● green	770-1335	50

Coding	Marking	Color
A	N ⊕ L1 L2 L3	● black
A	N ⊕ L1 L2 L3	○ white
I	N ⊕ L DA- DA+	● blue
L	N ⊕ L N' L'	● dark gray
P	N ⊕ L1 L2 L3	● red
Q	N PE1 PE2 PE3 L	● green

WINSTA® MIDI

Sockets and Plugs, 5-Pole, 1-Conductor

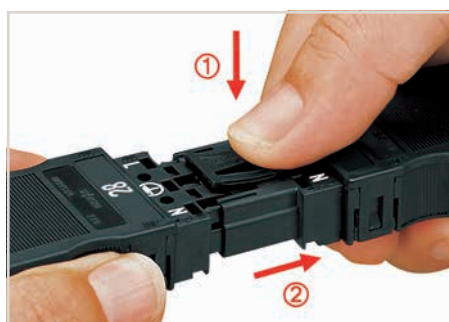
770 Series



Snap on locking lever – observe direction (picture shows 3-pole plug).

Conductor range
Rated voltage
Rated current
Strip length

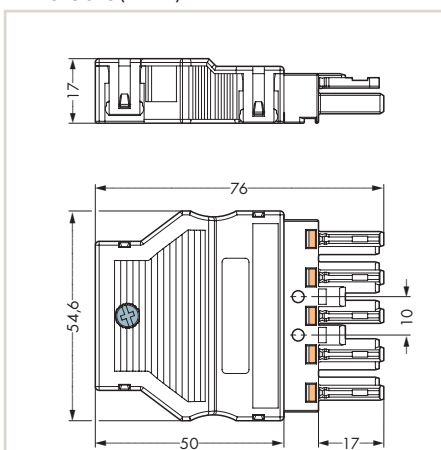
0.5 ... 4 mm ² / 20 ... 12 AWG
400 V
25 A
9 mm / 0.35 inch



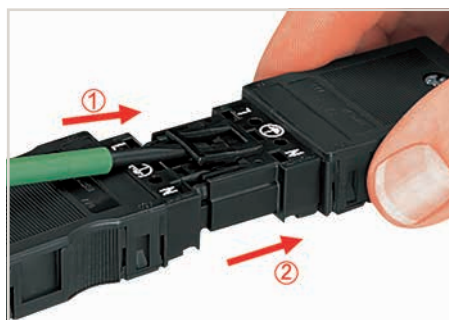
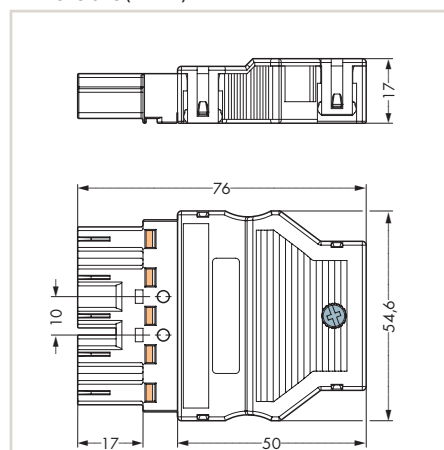
Locking lever, manually operated (picture shows 3-pole connectors):

- Push on locking lever.
- Pull apart the connectors.

Dimensions (in mm):



Dimensions (in mm):



Locking lever, tool operated (picture shows 3-pole connectors):

- Unlatch locking lever.
- Pull apart the connectors.

Socket, with strain relief housing,
for two cables,
9 ... 13 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
● black	770-305	25
○ white	770-325	25

Plug, with strain relief housing,
for two cables,
9 ... 13 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
● black	770-315	25
○ white	770-335	25

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A
A

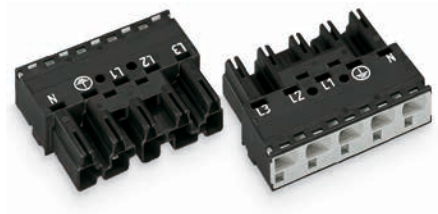
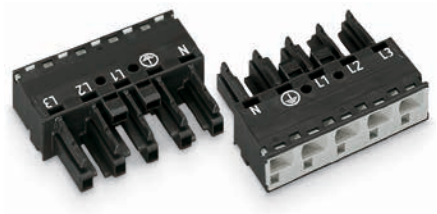
Marking

N ⊕ L1 L2 L3
N ⊕ L1 L2 L3

Color

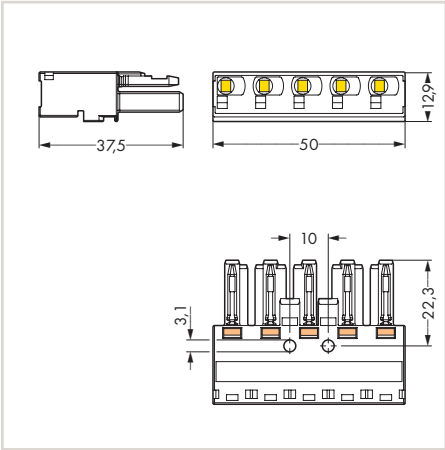
● black
○ white

Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	400 V
Rated current	25 A
Strip length	9 mm / 0.35 inch



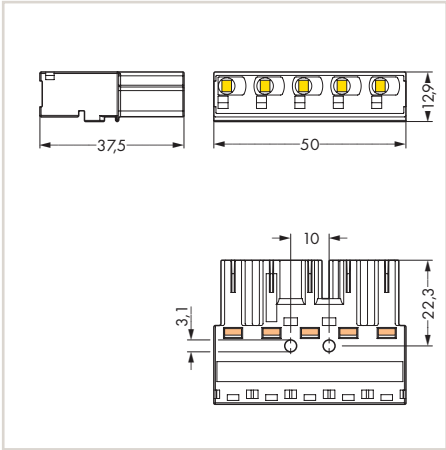
3

Dimensions (in mm):



Socket, without strain relief housing		
Color	Item No.	Pack. Unit
● black	770-405	50
○ white	770-425	50

Dimensions (in mm):



Plug, without strain relief housing		
Color	Item No.	Pack. Unit
● black	770-415	50
○ white	770-435	50

Coding	Marking	Color
A	N Ⓢ L1 L2 L3	● black
A	N Ⓢ L1 L2 L3	○ white

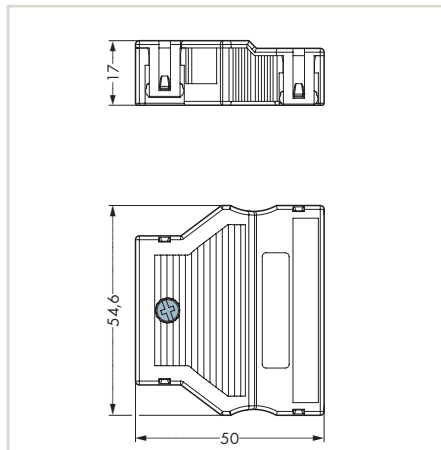
WINSTA® MIDI**Strain Relief Housings for Different Cable Diameters, 5-Pole
770 Series**

Snap-on type strain relief housings for:

- 5-pole sockets
- 5-pole plugs



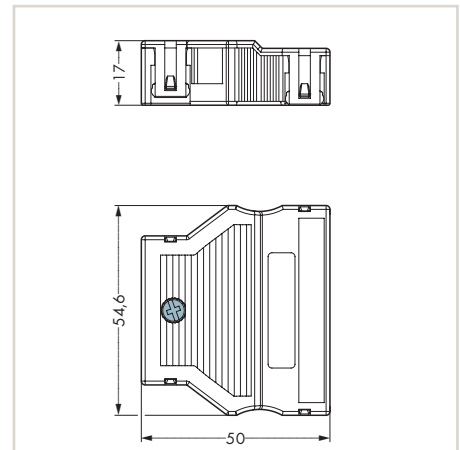
Dimensions (in mm):



Strain relief housing,
for two cables,
for 5 ... 9 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
black	770-505/023-000	25
white	770-515/023-000	25

Dimensions (in mm):



Strain relief housing,
for two cables,
for 9 ... 13 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
black	770-505	25
white	770-515	25

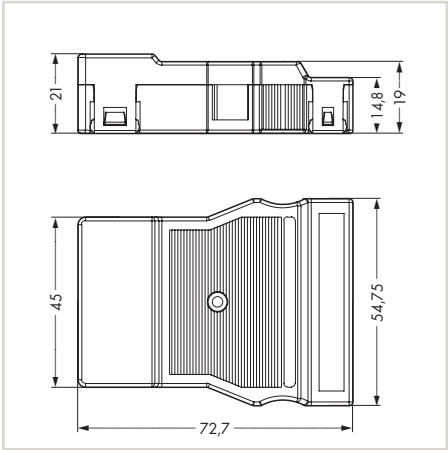
All strain relief housings are suitable for H05VV
and NYM cables.
Other cables available upon request.

 Marking strips,
see page 357

 Approvals,
see www.wago.com



Dimensions (in mm):



Strain relief housing,
for one cable,
for 9 ... 13 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
black	770-505/021-000	25
white	770-515/021-00	25

WINSTA® MIDI

Snap-In Sockets and Plugs, 5-Pole

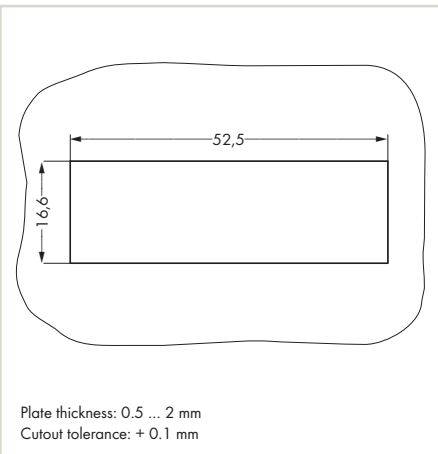
770 Series

Conductor range
Rated voltage
Rated current
Strip length

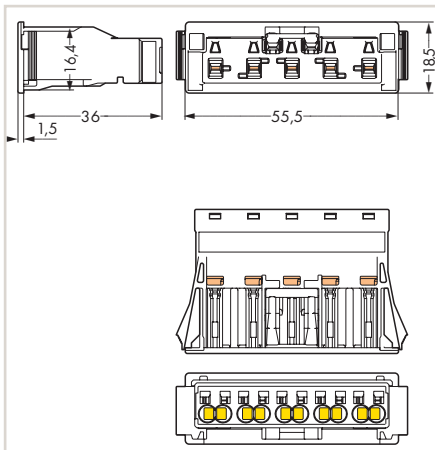
0.5 ... 4 mm ² / 20 ... 12 AWG
400 V
25 A (32 A)
9 mm / 0.35 inch



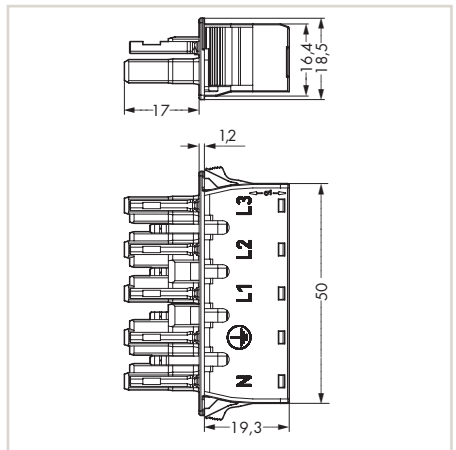
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):

**Socket**

Color	Item No.	Pack. Unit
● black	770-705	50
○ white	770-725	50
● blue	770-2105	50
● red	770-2305	50

**Socket for "Clean Earth" applications
(rated up to 32 A)**

Color	Item No.	Pack. Unit
● green	770-2325	50

Socket, with protruding interface

Color	Item No.	Pack. Unit
● black	770-705/009-000	50
○ white	770-725/009-000	50

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A
A
I
P
Q

Marking

N ⊕ L1 L2 L3
N ⊕ L1 L2 L3
N ⊕ L DA- DA+
N ⊕ L1 L2 L3
N PE1 PE2 PE3 L

Color

● black
○ white
● blue
● red
● green

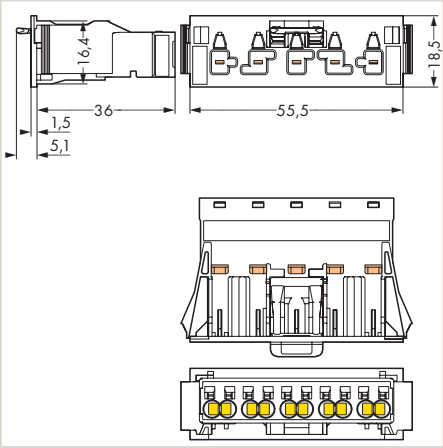


Varnish-piercing direct ground contact

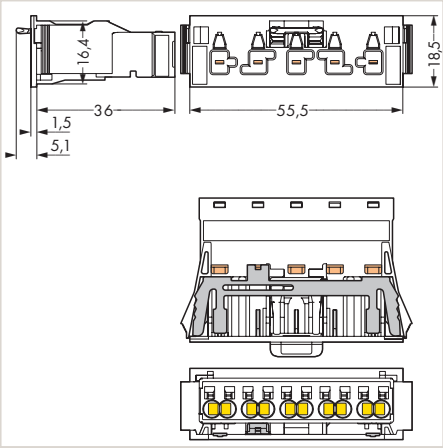
Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	400 V
Rated current	25 A (32 A)
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Plug		
Color	Item No.	Pack. Unit
● black	770-715	50
○ white	770-735	50
● blue	770-2115	50
● red	770-2315	50

Plug for "Clean Earth" applications (rated up to 32 A)		
Color	Item No.	Pack. Unit
● green	770-2335	50

Plug, with direct ground contact		
Color	Item No.	Pack. Unit
● black	770-715/007-000	50
○ white	770-735/007-000	50
● blue	770-2115/007-000	50

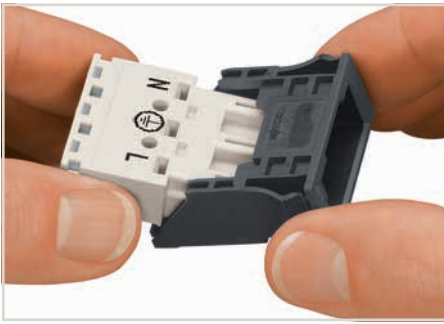
Plug, with direct ground contact, for "Clean Earth" applications (rated up to 32 A)		
Color	Item No.	Pack. Unit
● green	770-2335/007-000	50

Coding	Marking	Color
A	N ⊕ L1 L2 L3	● black
A	N ⊕ L1 L2 L3	○ white
I	N ⊕ L DA- DA+	● blue
P	N ⊕ L1 L2 L3	● red
Q	N PE1 PE2 PE3 L	● green

WINSTA® MIDI

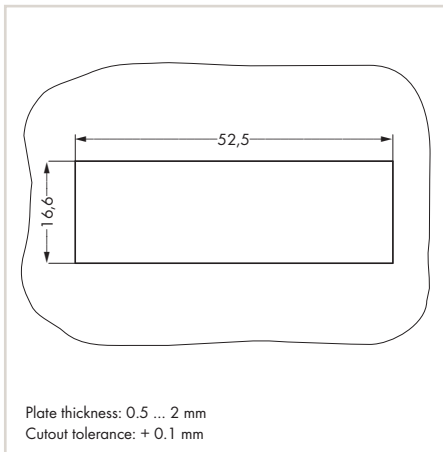
Snap-In Frames, 5-Pole

770 Series

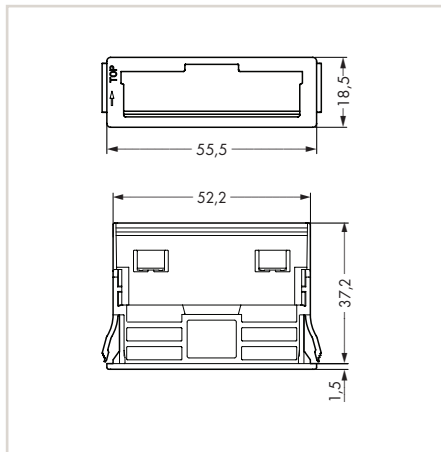


3 Insert the socket or plug into the frame (observe the "TOP" marking on the frame!), then snap the assembled unit into the cutout (picture shows a 3-pole connector).

Dimensions (in mm):



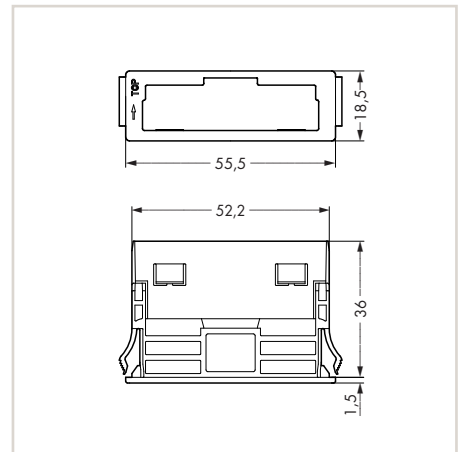
Dimensions (in mm):



Snap-in frame,
for 0.5 ... 2 mm plate thickness

Color	Item No.	Pack. Unit
black	770-321	100
white	770-341	100

Dimensions (in mm):



Snap-in frame,
for 1 ... 3 mm plate thickness,
for A-coding/B/I/P/Q

Color	Item No.	Pack. Unit
black	770-320	100
white	770-340	100

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

WINSTA® MIDI

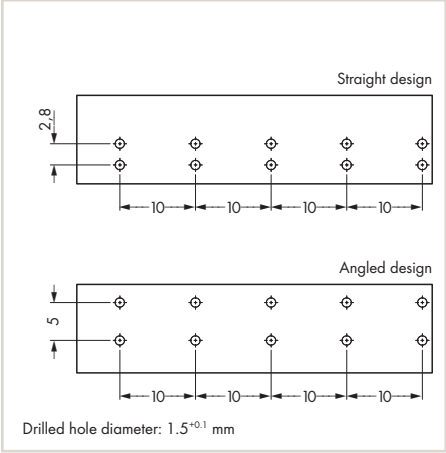
Pluggable PCB Connectors, 5-Pole

770 Series

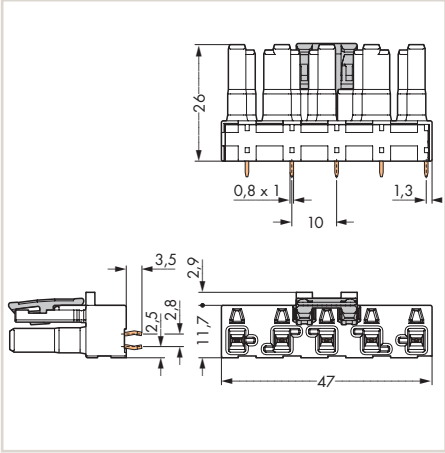
Rated voltage	400 V
Rated current	25 A



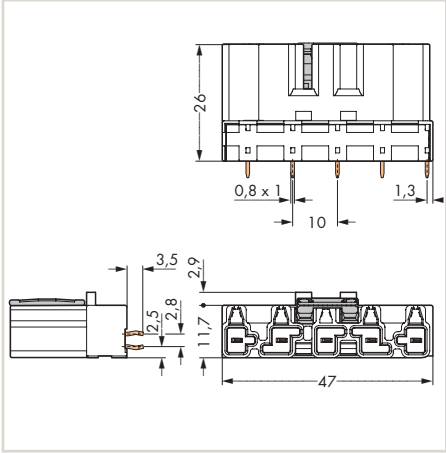
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket, straight		
Color	Item No.	Pack. Unit
● black	770-805	50
○ white	770-825	50
● blue	770-3105	50

Plug, straight		
Color	Item No.	Pack. Unit
● black	770-815	50
○ white	770-835	50
● blue	770-3115	50

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

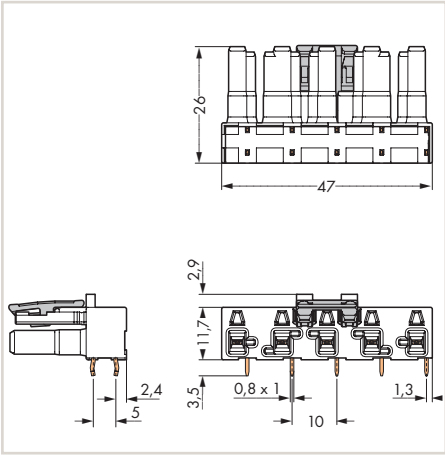
Coding	Marking	Color
A	N ⊕ L1 L2 L3	● black
A	N ⊕ L1 L2 L3	○ white
I	N ⊕ L DA- DA+	● blue

Rated voltage	400 V
Rated current	25 A



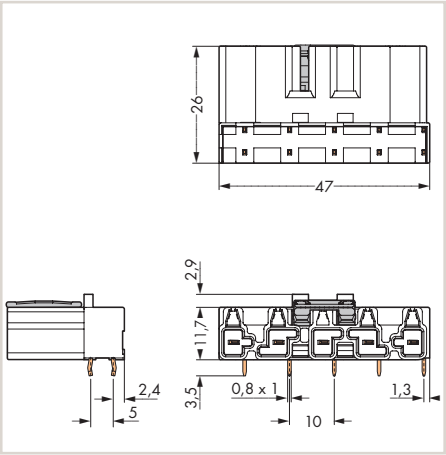
3

Dimensions (in mm):



Socket, angled		
Color	Item No.	Pack. Unit
● black	770-805/011-000	50
○ white	770-825/011-000	50
● blue	770-3105/011-000	50

Dimensions (in mm):



Plug, angled		
Color	Item No.	Pack. Unit
● black	770-815/011-000	50
○ white	770-835/011-000	50
● blue	770-3115/011-000	50

Coding	Marking	Color
A	N ⊕ L1 L2 L3	● black
A	N ⊕ L1 L2 L3	○ white
I	N ⊕ L DA- DA+	● blue

WINSTA® MIDI

Linect® T-Distribution Connectors and T-Connectors, 5-Pole
770 Series

Rated voltage

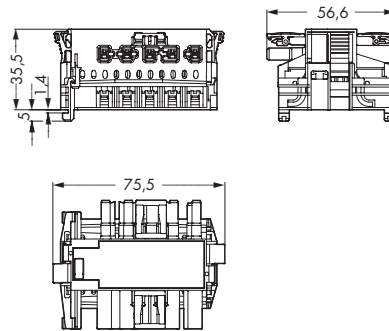
400 V

Rated current

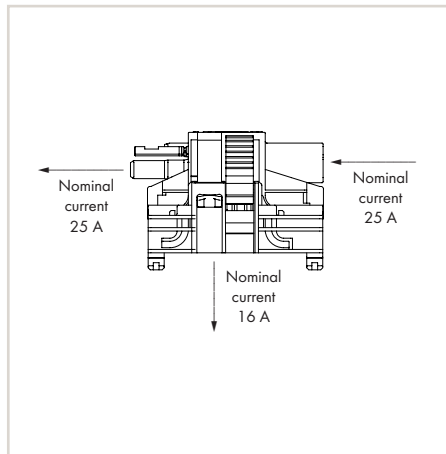
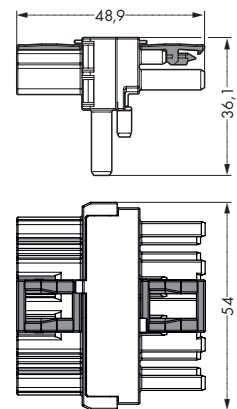
25 A



Dimensions (in mm):



Dimensions (in mm):



Linect® T-connector,
socket – plug,
white housing, white cover,
for lighting connectors
294-8015 and 294-8115

Color	Item No.	Pack. Unit
○ white	770-6225	25

T-distribution connector,
1 x plug/2 x socket

Color	Item No.	Pack. Unit
● black	770-621	50
○ white	770-671	50
● blue	770-617	50
● red	770-921	50

Linect® T-connector,
socket – plug, for DALI applications,
white housing, blue cover,
for lighting connectors
294-8035 and 294-8135

Color	Item No.	Pack. Unit
● blue	770-7105	20

T-distribution connector,
1 x plug/2 x socket,
for "flying leads,"
with 3rd locking lever

Color	Item No.	Pack. Unit
● black	770-622	50
○ white	770-672	50
● blue	770-620	50
● red	770-922	50

Linect® T-connector,
socket – plug,
white housing, dark gray cover
for lighting connectors
294-8025 and 294-8125

Color	Item No.	Pack. Unit
● dark gray	770-7505	20

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

I

L

P

Marking

N ⊕ L1 L2 L3

N ⊕ L1 L2 L3

N ⊕ L DA- DA+

N ⊕ L N' L'

N ⊕ L1 L2 L3

Color

● black

○ white

● blue

● dark gray

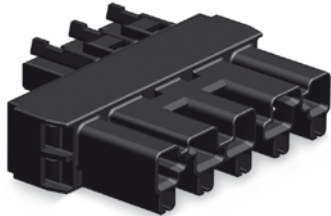
● red

WINSTA® MIDI

Intermediate Couplers, 5-Pole

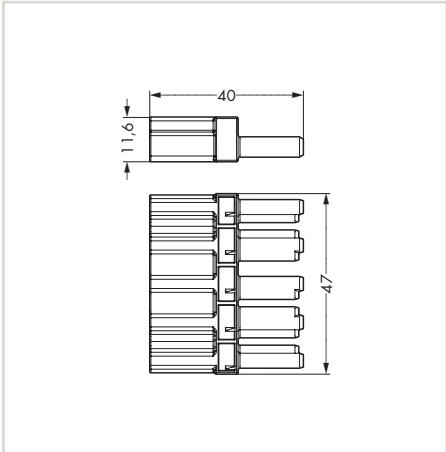
770 Series

Rated voltage	250 V / 400 V
Rated current	25 A



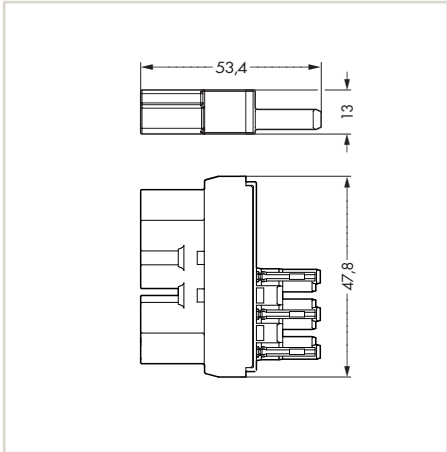
3

Dimensions (in mm):



Intermediate coupler , 1 x plug/1 x socket		
Color	Item No.	Pack. Unit
● black	770-605	100
○ white	770-655	100
● blue	770-619	100

Dimensions (in mm):



Intermediate coupler, 5- to 3-pole, L1 – L		
Color	Item No.	Pack. Unit
● black	770-901	100
○ white	770-951	100
● red	770-911	100

Intermediate coupler, 5- to 3-pole, L2 – L		
Color	Item No.	Pack. Unit
● black	770-902	100
○ white	770-952	100
● red	770-912	100

Intermediate coupler, 5- to 3-pole, L3 – L		
Color	Item No.	Pack. Unit
● black	770-903	100
○ white	770-953	100
● red	770-913	100

Coding	Marking	Color
A	N ⊕ L1 L2 L3	● black
A	N ⊕ L1 L2 L3	○ white
I	N ⊕ L DA- DA+	● blue
P	N ⊕ L1 L2 L3	● red

WINSTA® MIDI

Distribution Connectors, 5-Pole

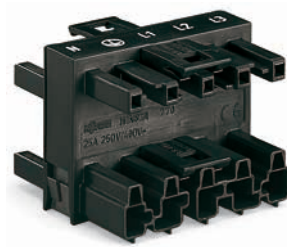
770 Series

Rated voltage

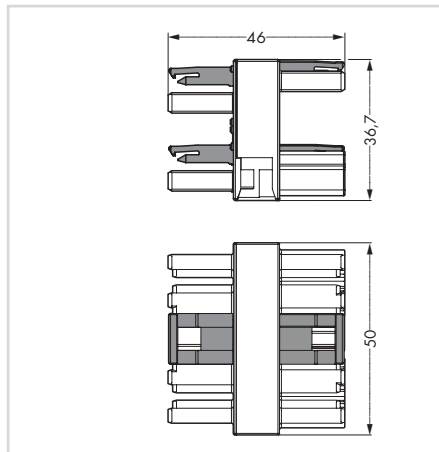
400 V

Rated current

25 A



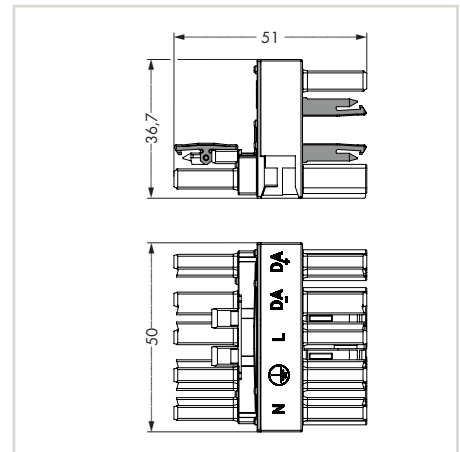
Dimensions (in mm):

Distribution connector, 3-way,
1 x plug/3 x socket

Color	Item No.	Pack. Unit
● black	770-609	25
○ white	770-659	25
● blue	770-618	50
● red	770-909	50



Dimensions (in mm):

h-distribution connector,
plug/socket – socket

Color	Item No.	Pack. Unit
● blue	770-992	50

h-distribution connector,
plug/socket – socket,
for "flying leads,"
with 3rd locking lever

Color	Item No.	Pack. Unit
● blue	770-993	50

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

A

A

I

P

Marking

N ⊕ L1 L2 L3

N ⊕ L1 L2 L3

N ⊕ L DA- DA+

N ⊕ L1 L2 L3

Color

● black

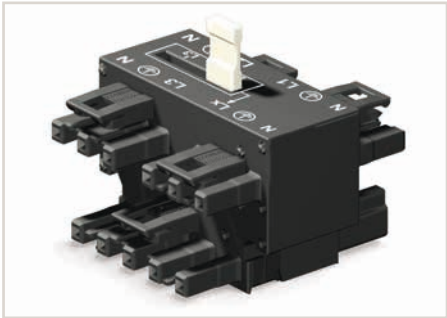
○ white

● blue

● red

WINSTA® MIDI

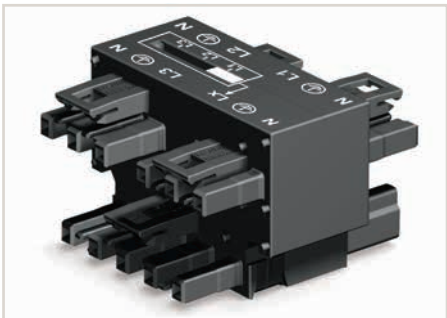
Three-Phase to Single-Phase Distribution Connectors with Phase Selection, 5-Pole 770 Series



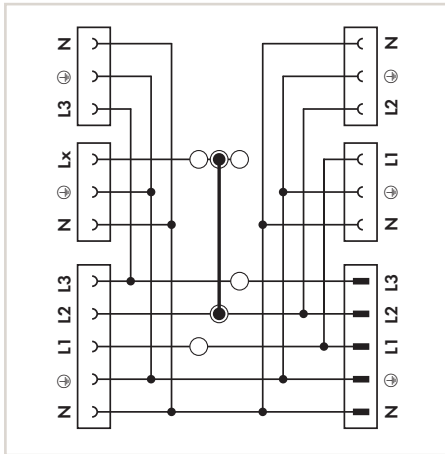
Movable jumper

Rated voltage	250 V / 400 V
Rated current	25 A

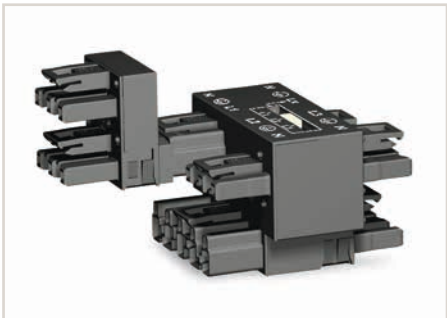
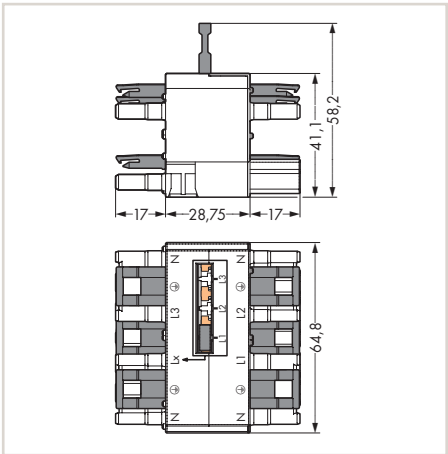
The different jumper positions allow for a wide range of different tap-off options to be selected. In addition to the 3 set tap-offs (L1/L2/L3), the selectable 4th tap-off provides for a high degree of flexibility before, during and after installation.



Jumper pushed down, flush with the housing (position L1)

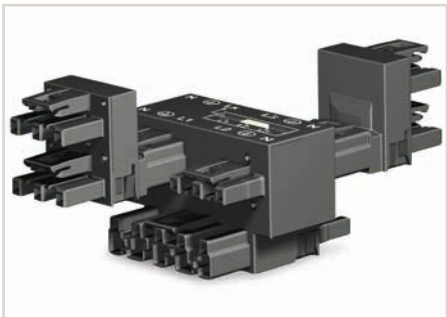


Dimensions (in mm):



An additional h-distribution connector doubles L1. This results in the following connection options:
L1/L1/L2/L2/L3 with jumper in position L2
L1/L1/L2/L3/L3 with jumper in position L3

Distribution connector, three-phase to single-phase current		
Color	Item No.	Pack. Unit
● black	770-640	10
○ white	770-690	10
● red	770-940	10



Additional h-distribution connectors double L1 and L3. This results in the following connection option:
L1/L1/L2/L2/L3/L3 with jumper in position L2
Notice: h-distribution connectors can only be plugged on L1 and L3.

Coding	Marking	Color
A	N ⊕ L1 L2 L3	● black
A	N ⊕ L1 L2 L3	○ white
P	N ⊕ L1 L2 L3	● red

WINSTA® MIDI

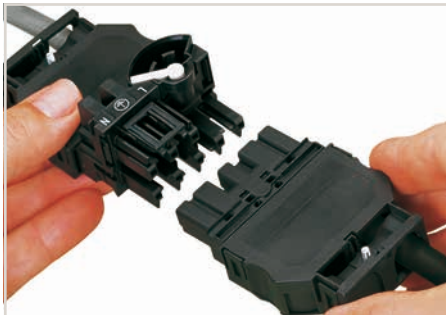
Distribution Connectors with Phase Selection, 5-Pole 770 Series



Lift jumper out of delivery position (L2) using a screwdriver and move it into the desired position.



Push down jumper in its new position (picture shows L3).



The 5-pole energy circuit can be extended using pluggable cable assemblies.



Plugging a 3-pole tap-off cable.

Conductor range

0.5 ... 4 mm² / 20 ... 12 AWG

Rated voltage

250 V / 400 V

Rated current

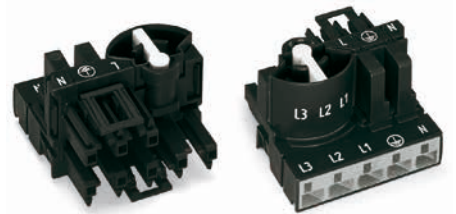
25 A

Strip length

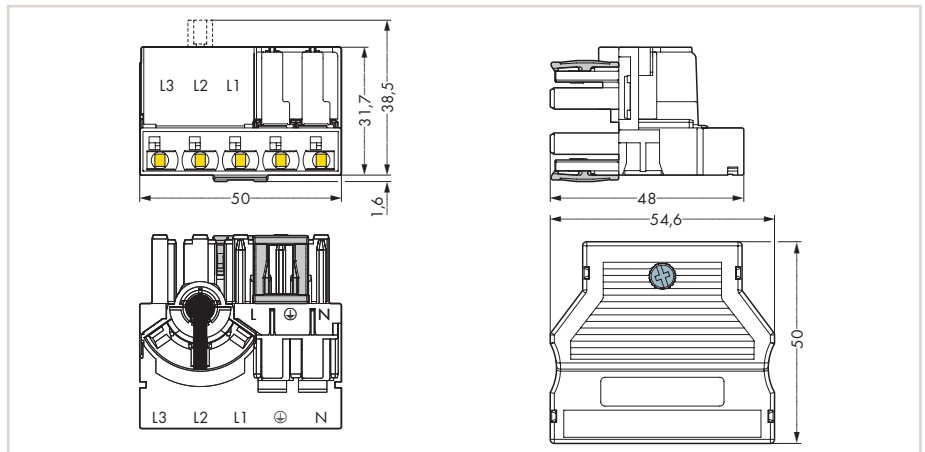
9 mm / 0.35 inch

Tap-off: Socket, 3-pole, N ⊕ L

Through contact: Socket, 5-pole, N ⊕ L1 L2 L3



Dimensions (in mm):



Distribution connector, with phase selection, with strain relief housing, 9 ... 13 mm cable diameter, 55 mm strip length

Color	Item No.	Pack. Unit
● black	770-611	10
○ white	770-661	10

770 Series Accessories, see page 343

Approvals, see www.wago.com

Coding Overview, see page 360

Coding

A

A

Marking

N ⊕ L1 L2 L3

N ⊕ L1 L2 L3

Color

● black

○ white

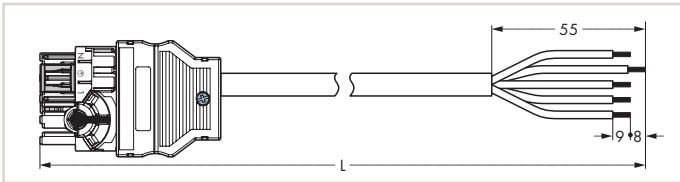
WINSTA® MIDI

Cable Assemblies, 5 x 2.5 mm², PVC and Halogen-Free

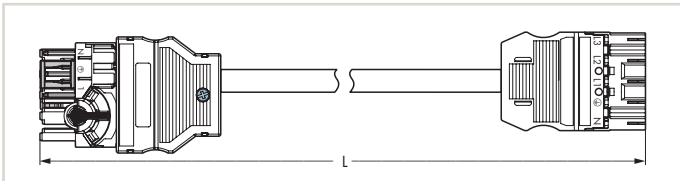
771 Series



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	400 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Connecting cable, distribution connectors with phase selection – free end, PVC, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8965/107-101	771-8965/107-102	1
2 m	771-8965/107-201	771-8965/107-202	1

Connecting cable, distribution connectors with phase selection – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8965/117-101	771-8965/117-102	1
2 m	771-8965/117-201	771-8965/117-202	1

Interconnecting cable, distribution connectors with phase selection – plug, PVC, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8965/007-101	771-8965/007-102	1
2 m	771-8965/007-201	771-8965/007-202	1

Interconnecting cable, distribution connectors with phase selection – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8965/017-101	771-8965/017-102	1
2 m	771-8965/017-201	771-8965/017-202	1

Coding	Marking	Color
A	N Ⓢ L1 L2 L3	● black
A	N Ⓢ L1 L2 L3	○ white

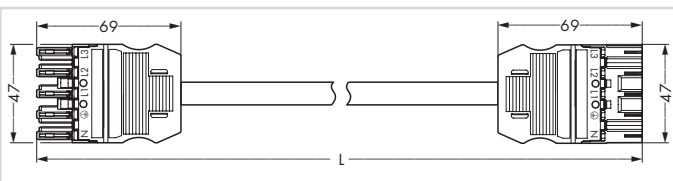
WINSTA® MIDI

Cable Assemblies, 5 x 1.5 mm², PVC

771 Series



Dimensions (in mm):



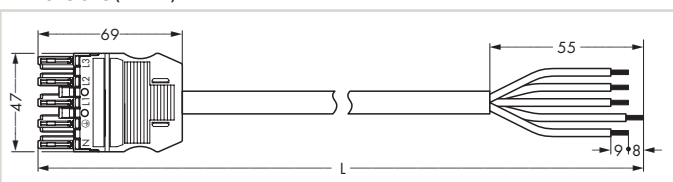
Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9995/006-101	771-9995/006-102	1
2 m	771-9995/006-201	771-9995/006-202	1
3 m	771-9995/006-301	771-9995/006-302	1
4 m	771-9995/006-401	771-9995/006-402	1
5 m	771-9995/006-501	771-9995/006-502	1
6 m	771-9995/006-601	771-9995/006-602	1
7 m	771-9995/006-701	771-9995/006-702	1
8 m	771-9995/006-801	771-9995/006-802	1



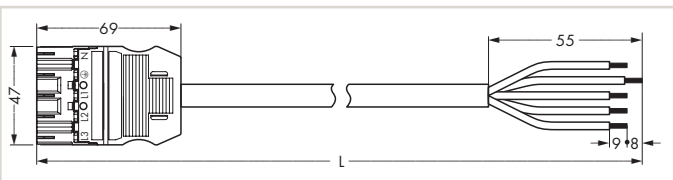
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9995/106-101	771-9995/106-102	1
2 m	771-9995/106-201	771-9995/106-202	1
3 m	771-9995/106-301	771-9995/106-302	1
4 m	771-9995/106-401	771-9995/106-402	1
5 m	771-9995/106-501	771-9995/106-502	1
6 m	771-9995/106-601	771-9995/106-602	1
7 m	771-9995/106-701	771-9995/106-702	1
8 m	771-9995/106-801	771-9995/106-802	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9995/206-101	771-9995/206-102	1
2 m	771-9995/206-201	771-9995/206-202	1
3 m	771-9995/206-301	771-9995/206-302	1
4 m	771-9995/206-401	771-9995/206-402	1
5 m	771-9995/206-501	771-9995/206-502	1
6 m	771-9995/206-601	771-9995/206-602	1
7 m	771-9995/206-701	771-9995/206-702	1
8 m	771-9995/206-801	771-9995/206-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

A

A

Marking

N ⊕ L1 L2 L3

N ⊕ L1 L2 L3

Color

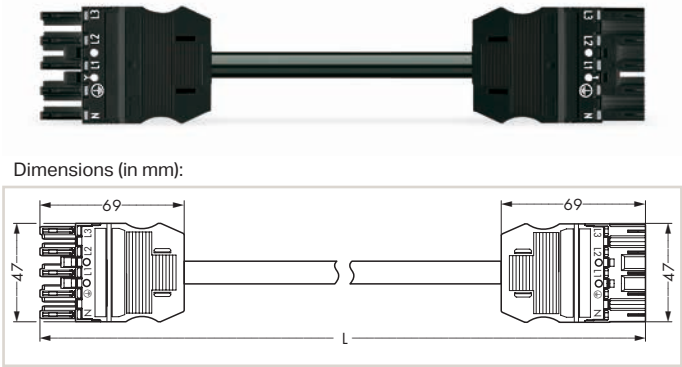
● black

○ white

WINSTA® MIDI

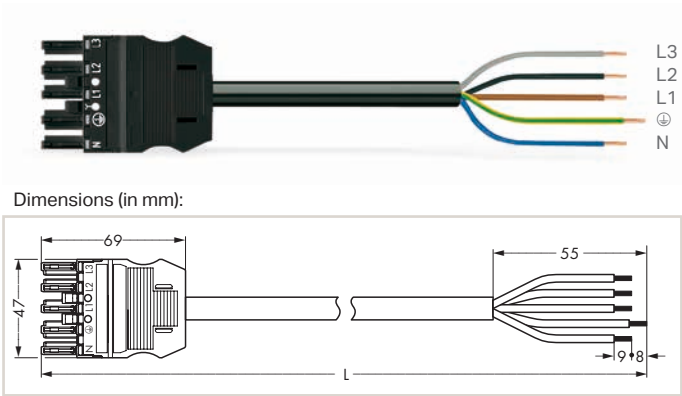
Cable Assemblies, 5 x 1.5 mm², Halogen-Free

771 Series

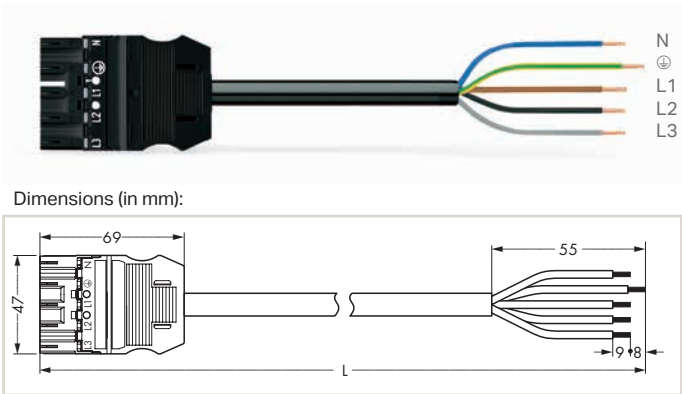


Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9995/016-101	771-9995/016-102	1
2 m	771-9995/016-201	771-9995/016-202	1
3 m	771-9995/016-301	771-9995/016-302	1
4 m	771-9995/016-401	771-9995/016-402	1
5 m	771-9995/016-501	771-9995/016-502	1
6 m	771-9995/016-601	771-9995/016-602	1
7 m	771-9995/016-701	771-9995/016-702	1
8 m	771-9995/016-801	771-9995/016-802	1



Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9995/116-101	771-9995/116-102	1
2 m	771-9995/116-201	771-9995/116-202	1
3 m	771-9995/116-301	771-9995/116-302	1
4 m	771-9995/116-401	771-9995/116-402	1
5 m	771-9995/116-501	771-9995/116-502	1
6 m	771-9995/116-601	771-9995/116-602	1
7 m	771-9995/116-701	771-9995/116-702	1
8 m	771-9995/116-801	771-9995/116-802	1



Connecting cable, plug – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9995/216-101	771-9995/216-102	1
2 m	771-9995/216-201	771-9995/216-202	1
3 m	771-9995/216-301	771-9995/216-302	1
4 m	771-9995/216-401	771-9995/216-402	1
5 m	771-9995/216-501	771-9995/216-502	1
6 m	771-9995/216-601	771-9995/216-602	1
7 m	771-9995/216-701	771-9995/216-702	1
8 m	771-9995/216-801	771-9995/216-802	1

Coding	Marking	Color
A	N ⊕ L1 L2 L3	● black
A	N ⊕ L1 L2 L3	○ white

WINSTA® MIDI

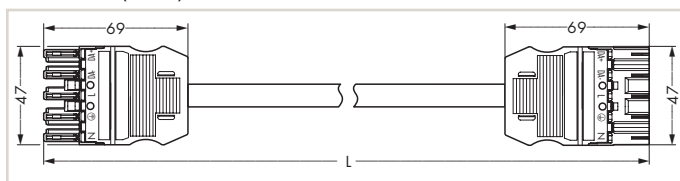
Cable Assemblies, 5 x 1.5 mm², PVC

771 Series

Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded



Dimensions (in mm):

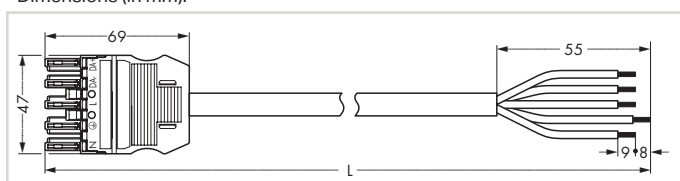


Interconnecting cable,
socket – plug, for dimming functions (e.g., DALI), PVC,
I-coding

Length	● black	○ white	Pack. Unit
1 m	771-9985/006-101	771-9985/006-102	1
2 m	771-9985/006-201	771-9985/006-202	1
3 m	771-9985/006-301	771-9985/006-302	1
4 m	771-9985/006-401	771-9985/006-402	1
5 m	771-9985/006-501	771-9985/006-502	1
6 m	771-9985/006-601	771-9985/006-602	1
7 m	771-9985/006-701	771-9985/006-702	1
8 m	771-9985/006-801	771-9985/006-802	1



Dimensions (in mm):

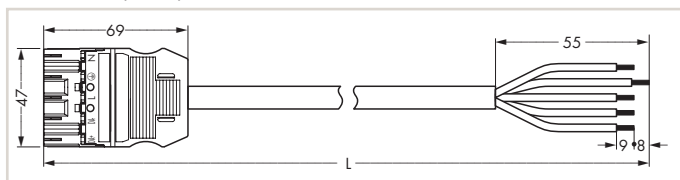


Connecting cable,
socket – free end, for dimming functions (e.g., DALI), PVC,
I-coding

Length	● black	○ white	Pack. Unit
1 m	771-9985/106-101	771-9985/106-102	1
2 m	771-9985/106-201	771-9985/106-202	1
3 m	771-9985/106-301	771-9985/106-302	1
4 m	771-9985/106-401	771-9985/106-402	1
5 m	771-9985/106-501	771-9985/106-502	1
6 m	771-9985/106-601	771-9985/106-602	1
7 m	771-9985/106-701	771-9985/106-702	1
8 m	771-9985/106-801	771-9985/106-802	1



Dimensions (in mm):



Connecting cable,
plug – free end, for dimming functions (e.g., DALI), PVC,
I-coding

Length	● black	○ white	Pack. Unit
1 m	771-9985/206-101	771-9985/206-102	1
2 m	771-9985/206-201	771-9985/206-202	1
3 m	771-9985/206-301	771-9985/206-302	1
4 m	771-9985/206-401	771-9985/206-402	1
5 m	771-9985/206-501	771-9985/206-502	1
6 m	771-9985/206-601	771-9985/206-602	1
7 m	771-9985/206-701	771-9985/206-702	1
8 m	771-9985/206-801	771-9985/206-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

I

Marking

N ⊕ L DA- DA+

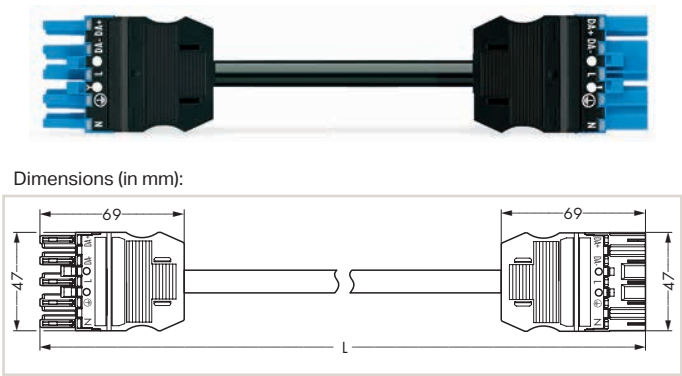
Color

● blue

WINSTA® MIDI

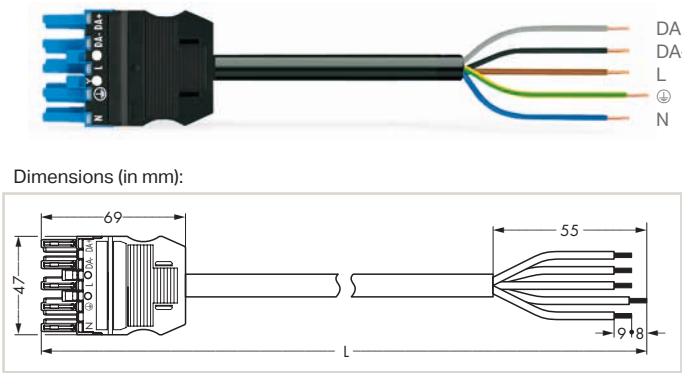
Cable Assemblies, 5 x 1.5 mm², Halogen-Free

771 Series

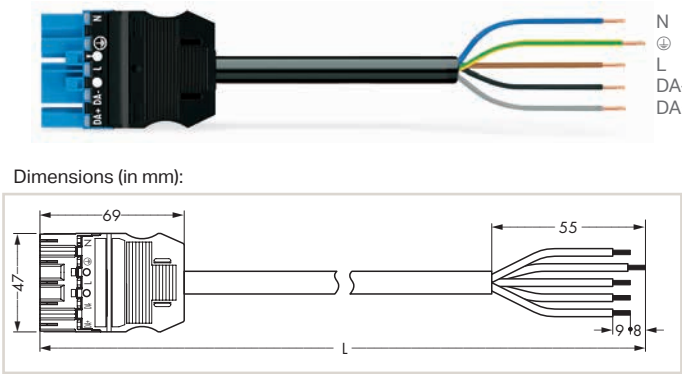


Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, for dimming functions (e.g., DALI), halogen-free, I-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9985/016-101	771-9985/016-102	1
2 m	771-9985/016-201	771-9985/016-202	1
3 m	771-9985/016-301	771-9985/016-302	1
4 m	771-9985/016-401	771-9985/016-402	1
5 m	771-9985/016-501	771-9985/016-502	1
6 m	771-9985/016-601	771-9985/016-602	1
7 m	771-9985/016-701	771-9985/016-702	1
8 m	771-9985/016-801	771-9985/016-802	1



Connecting cable, socket – free end, for dimming functions (e.g., DALI), halogen-free, I-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9985/116-101	771-9985/116-102	1
2 m	771-9985/116-201	771-9985/116-202	1
3 m	771-9985/116-301	771-9985/116-302	1
4 m	771-9985/116-401	771-9985/116-402	1
5 m	771-9985/116-501	771-9985/116-502	1
6 m	771-9985/116-601	771-9985/116-602	1
7 m	771-9985/116-701	771-9985/116-702	1
8 m	771-9985/116-801	771-9985/116-802	1



Connecting cable, plug – free end, for dimming functions (e.g., DALI), halogen-free, I-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9985/216-101	771-9985/216-102	1
2 m	771-9985/216-201	771-9985/216-202	1
3 m	771-9985/216-301	771-9985/216-302	1
4 m	771-9985/216-401	771-9985/216-402	1
5 m	771-9985/216-501	771-9985/216-502	1
6 m	771-9985/216-601	771-9985/216-602	1
7 m	771-9985/216-701	771-9985/216-702	1
8 m	771-9985/216-801	771-9985/216-802	1

Coding	Marking	Color
I	N ⊕ L DA- DA+	● blue

WINSTA® MIDI

Cable Assemblies, 5 x 1.5 mm², PVC

771 Series

Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded



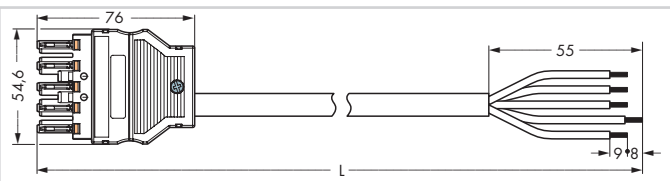
Dimensions (in mm):

Interconnecting cable,
socket – plug, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8985/006-103	771-8985/006-104	1
2 m	771-8985/006-203	771-8985/006-204	1
3 m	771-8985/006-303	771-8985/006-304	1
4 m	771-8985/006-403	771-8985/006-404	1
5 m	771-8985/006-503	771-8985/006-504	1
6 m	771-8985/006-603	771-8985/006-604	1
7 m	771-8985/006-703	771-8985/006-704	1
8 m	771-8985/006-803	771-8985/006-804	1



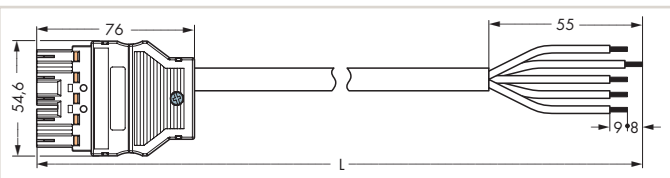
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8985/106-103	771-8985/106-104	1
2 m	771-8985/106-203	771-8985/106-204	1
3 m	771-8985/106-303	771-8985/106-304	1
4 m	771-8985/106-403	771-8985/106-404	1
5 m	771-8985/106-503	771-8985/106-504	1
6 m	771-8985/106-603	771-8985/106-604	1
7 m	771-8985/106-703	771-8985/106-704	1
8 m	771-8985/106-803	771-8985/106-804	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8985/206-103	771-8985/206-104	1
2 m	771-8985/206-203	771-8985/206-204	1
3 m	771-8985/206-303	771-8985/206-304	1
4 m	771-8985/206-403	771-8985/206-404	1
5 m	771-8985/206-503	771-8985/206-504	1
6 m	771-8985/206-603	771-8985/206-604	1
7 m	771-8985/206-703	771-8985/206-704	1
8 m	771-8985/206-803	771-8985/206-804	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

L

Marking

N ⊕ L N' L'

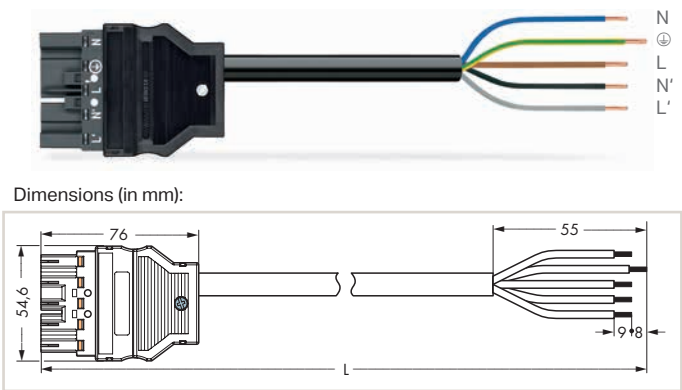
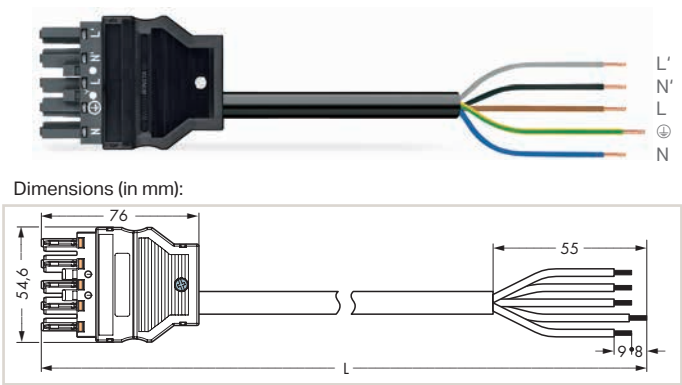
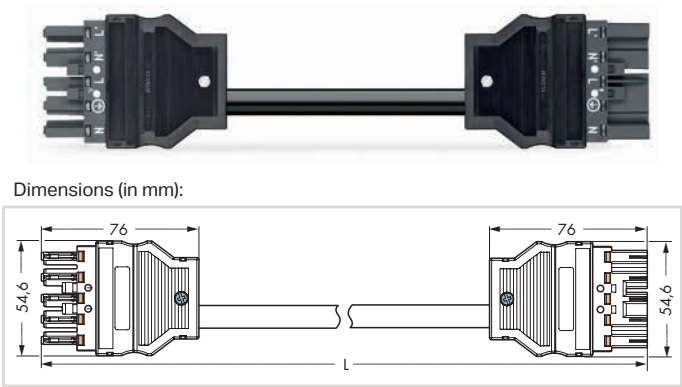
Color

● dark gray

WINSTA® MIDI

Cable Assemblies, 5 x 1.5 mm², Halogen-Free

771 Series



Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8985/016-103	771-8985/016-104	1
2 m	771-8985/016-203	771-8985/016-204	1
3 m	771-8985/016-303	771-8985/016-304	1
4 m	771-8985/016-403	771-8985/016-404	1
5 m	771-8985/016-503	771-8985/016-504	1
6 m	771-8985/016-603	771-8985/016-604	1
7 m	771-8985/016-703	771-8985/016-704	1
8 m	771-8985/016-803	771-8985/016-804	1

Connecting cable, socket – free end, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8985/116-103	771-8985/116-104	1
2 m	771-8985/116-203	771-8985/116-204	1
3 m	771-8985/116-303	771-8985/116-304	1
4 m	771-8985/116-403	771-8985/116-404	1
5 m	771-8985/116-503	771-8985/116-504	1
6 m	771-8985/116-603	771-8985/116-604	1
7 m	771-8985/116-703	771-8985/116-704	1
8 m	771-8985/116-803	771-8985/116-804	1

Connecting cable, plug – free end, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8985/216-103	771-8985/216-104	1
2 m	771-8985/216-203	771-8985/216-204	1
3 m	771-8985/216-303	771-8985/216-304	1
4 m	771-8985/216-403	771-8985/216-404	1
5 m	771-8985/216-503	771-8985/216-504	1
6 m	771-8985/216-603	771-8985/216-604	1
7 m	771-8985/216-703	771-8985/216-704	1
8 m	771-8985/216-803	771-8985/216-804	1

Coding	Marking	Color
L	N ⊕ L N' L'	● dark gray

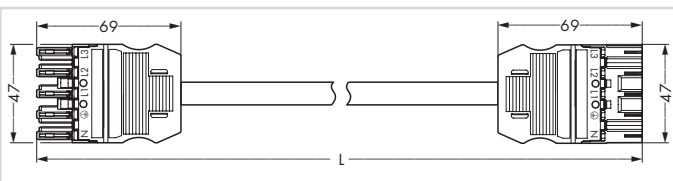
WINSTA® MIDI

Cable Assemblies, 5 x 1.5 mm², PVC

771 Series



Dimensions (in mm):



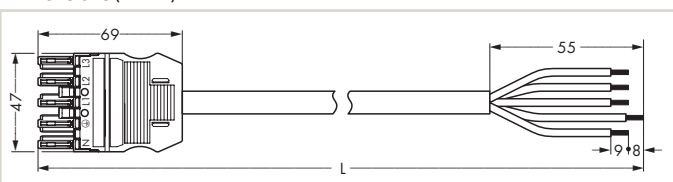
Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9975/006-101	771-9975/006-102	1
2 m	771-9975/006-201	771-9975/006-202	1
3 m	771-9975/006-301	771-9975/006-302	1
4 m	771-9975/006-401	771-9975/006-402	1
5 m	771-9975/006-501	771-9975/006-502	1
6 m	771-9975/006-601	771-9975/006-602	1
7 m	771-9975/006-701	771-9975/006-702	1
8 m	771-9975/006-801	771-9975/006-802	1



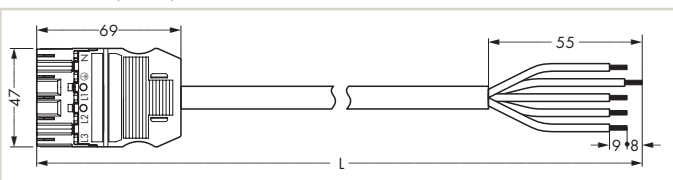
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9975/106-101	771-9975/106-102	1
2 m	771-9975/106-201	771-9975/106-202	1
3 m	771-9975/106-301	771-9975/106-302	1
4 m	771-9975/106-401	771-9975/106-402	1
5 m	771-9975/106-501	771-9975/106-502	1
6 m	771-9975/106-601	771-9975/106-602	1
7 m	771-9975/106-701	771-9975/106-702	1
8 m	771-9975/106-801	771-9975/106-802	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9975/206-101	771-9975/206-102	1
2 m	771-9975/206-201	771-9975/206-202	1
3 m	771-9975/206-301	771-9975/206-302	1
4 m	771-9975/206-401	771-9975/206-402	1
5 m	771-9975/206-501	771-9975/206-502	1
6 m	771-9975/206-601	771-9975/206-602	1
7 m	771-9975/206-701	771-9975/206-702	1
8 m	771-9975/206-801	771-9975/206-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding
P

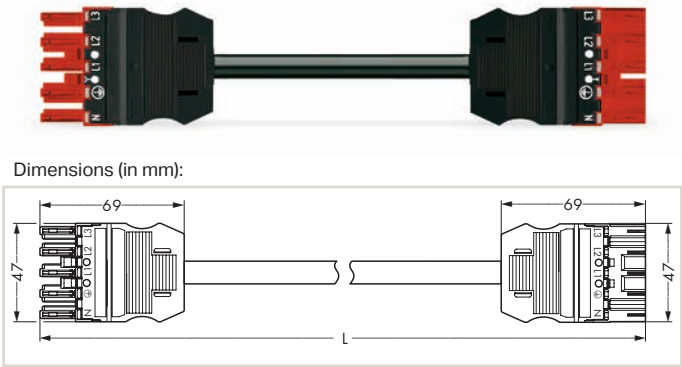
Marking
N ⊕ L1 L2 L3

Color
● red

WINSTA® MIDI

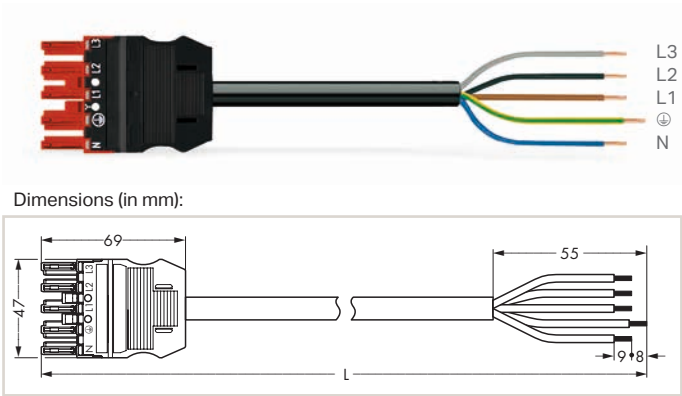
Cable Assemblies, 5 x 1.5 mm², Halogen-Free

771 Series

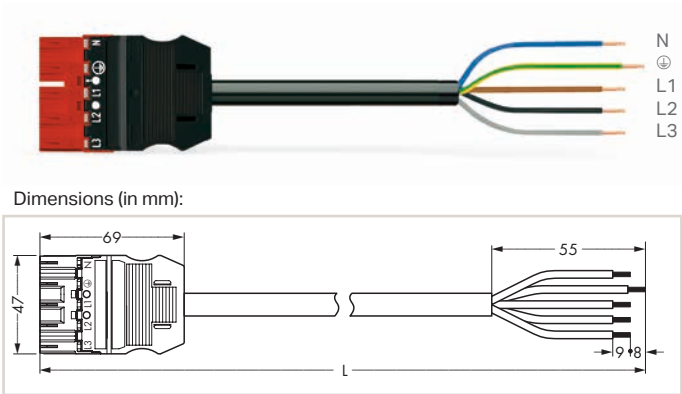


Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9975/016-101	771-9975/016-102	1
2 m	771-9975/016-201	771-9975/016-202	1
3 m	771-9975/016-301	771-9975/016-302	1
4 m	771-9975/016-401	771-9975/016-402	1
5 m	771-9975/016-501	771-9975/016-502	1
6 m	771-9975/016-601	771-9975/016-602	1
7 m	771-9975/016-701	771-9975/016-702	1
8 m	771-9975/016-801	771-9975/016-802	1



Connecting cable, socket – free end, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9975/116-101	771-9975/116-102	1
2 m	771-9975/116-201	771-9975/116-202	1
3 m	771-9975/116-301	771-9975/116-302	1
4 m	771-9975/116-401	771-9975/116-402	1
5 m	771-9975/116-501	771-9975/116-502	1
6 m	771-9975/116-601	771-9975/116-602	1
7 m	771-9975/116-701	771-9975/116-702	1
8 m	771-9975/116-801	771-9975/116-802	1



Connecting cable, plug – free end, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9975/216-101	771-9975/216-102	1
2 m	771-9975/216-201	771-9975/216-202	1
3 m	771-9975/216-301	771-9975/216-302	1
4 m	771-9975/216-401	771-9975/216-402	1
5 m	771-9975/216-501	771-9975/216-502	1
6 m	771-9975/216-601	771-9975/216-602	1
7 m	771-9975/216-701	771-9975/216-702	1
8 m	771-9975/216-801	771-9975/216-802	1

Coding	Marking	Color
P	N ⊕ L1 L2 L3	● red

WINSTA® MIDI

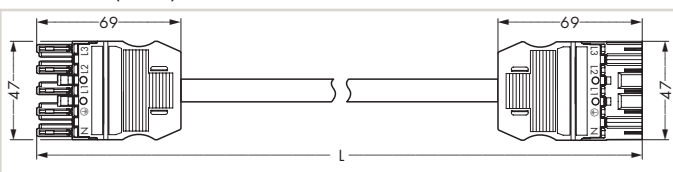
Cable Assemblies, 5 x 2.5 mm², PVC

771 Series

Rated voltage	400 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded



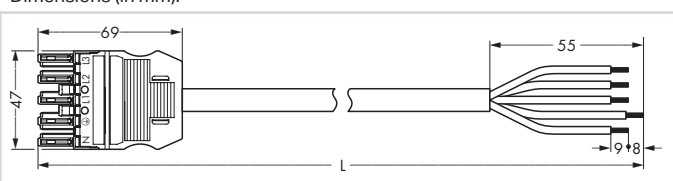
Dimensions (in mm):

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9995/007-101	771-9995/007-102	1
2 m	771-9995/007-201	771-9995/007-202	1
3 m	771-9995/007-301	771-9995/007-302	1
4 m	771-9995/007-401	771-9995/007-402	1
5 m	771-9995/007-501	771-9995/007-502	1
6 m	771-9995/007-601	771-9995/007-602	1
7 m	771-9995/007-701	771-9995/007-702	1
8 m	771-9995/007-801	771-9995/007-802	1



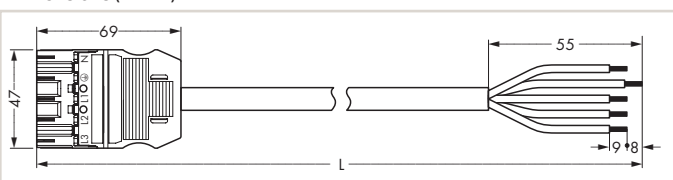
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9995/107-101	771-9995/107-102	1
2 m	771-9995/107-201	771-9995/107-202	1
3 m	771-9995/107-301	771-9995/107-302	1
4 m	771-9995/107-401	771-9995/107-402	1
5 m	771-9995/107-501	771-9995/107-502	1
6 m	771-9995/107-601	771-9995/107-602	1
7 m	771-9995/107-701	771-9995/107-702	1
8 m	771-9995/107-801	771-9995/107-802	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	771-9995/207-101	771-9995/207-102	1
2 m	771-9995/207-201	771-9995/207-202	1
3 m	771-9995/207-301	771-9995/207-302	1
4 m	771-9995/207-401	771-9995/207-402	1
5 m	771-9995/207-501	771-9995/207-502	1
6 m	771-9995/207-601	771-9995/207-602	1
7 m	771-9995/207-701	771-9995/207-702	1
8 m	771-9995/207-801	771-9995/207-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

A

A

Marking

N ⊕ L1 L2 L3

N ⊕ L1 L2 L3

Color

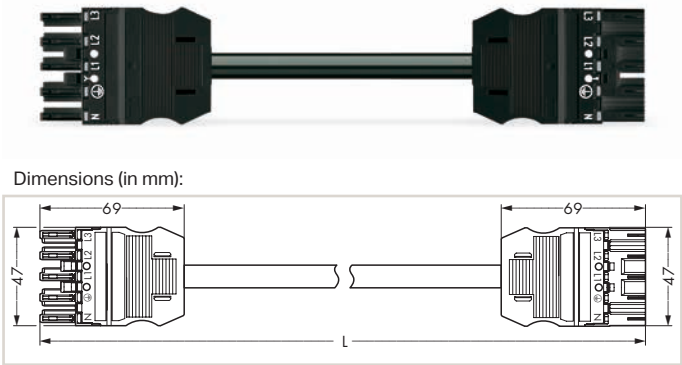
● black

○ white

WINSTA® MIDI

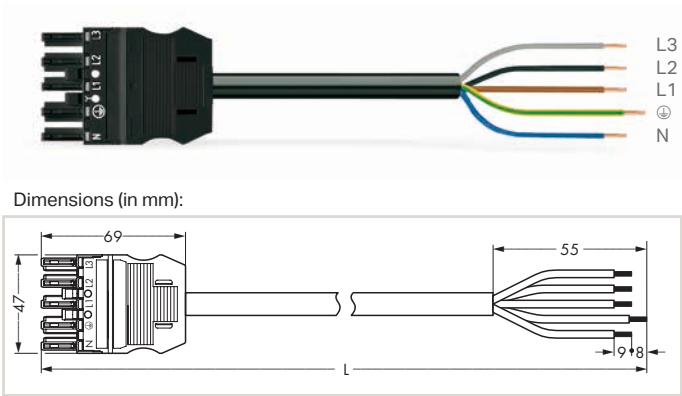
Cable Assemblies, 5 x 2.5 mm², Halogen-Free

771 Series

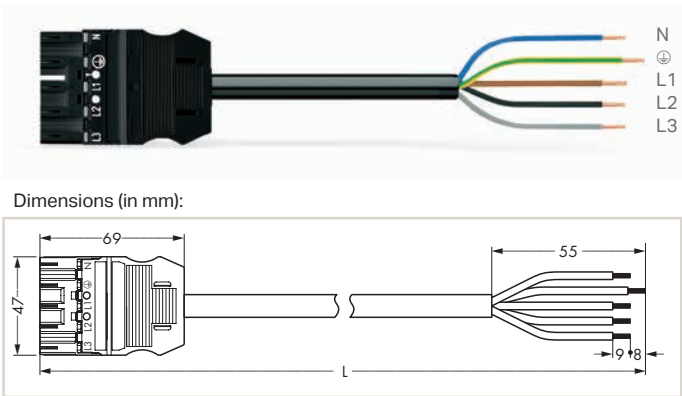


Rated voltage	400 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9995/017-101	771-9995/017-102	1
2 m	771-9995/017-201	771-9995/017-202	1
3 m	771-9995/017-301	771-9995/017-302	1
4 m	771-9995/017-401	771-9995/017-402	1
5 m	771-9995/017-501	771-9995/017-502	1
6 m	771-9995/017-601	771-9995/017-602	1
7 m	771-9995/017-701	771-9995/017-702	1
8 m	771-9995/017-801	771-9995/017-802	1



Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9995/117-101	771-9995/117-102	1
2 m	771-9995/117-201	771-9995/117-202	1
3 m	771-9995/117-301	771-9995/117-302	1
4 m	771-9995/117-401	771-9995/117-402	1
5 m	771-9995/117-501	771-9995/117-502	1
6 m	771-9995/117-601	771-9995/117-602	1
7 m	771-9995/117-701	771-9995/117-702	1
8 m	771-9995/117-801	771-9995/117-802	1



Connecting cable, plug – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9995/217-101	771-9995/217-102	1
2 m	771-9995/217-201	771-9995/217-202	1
3 m	771-9995/217-301	771-9995/217-302	1
4 m	771-9995/217-401	771-9995/217-402	1
5 m	771-9995/217-501	771-9995/217-502	1
6 m	771-9995/217-601	771-9995/217-602	1
7 m	771-9995/217-701	771-9995/217-702	1
8 m	771-9995/217-801	771-9995/217-802	1

Coding	Marking	Color
A	N ⊕ L1 L2 L3	● black
A	N ⊕ L1 L2 L3	○ white

WINSTA® MIDI

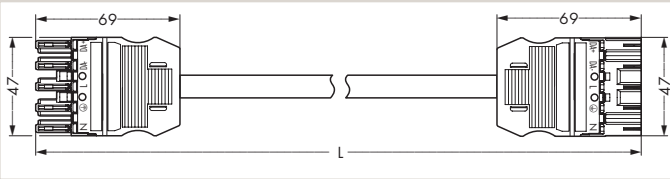
Cable Assemblies, 5 x 2.5 mm², PVC

771 Series

Rated voltage	400 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded



Dimensions (in mm):

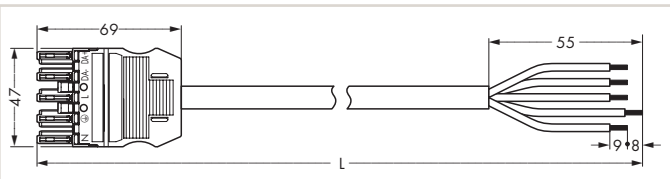


Interconnecting cable,
socket – plug, for dimming functions (e.g., DALI), PVC,
I-coding

Length	● black	○ white	Pack. Unit
1 m	771-9985/007-101	771-9985/007-102	1
2 m	771-9985/007-201	771-9985/007-202	1
3 m	771-9985/007-301	771-9985/007-302	1
4 m	771-9985/007-401	771-9985/007-402	1
5 m	771-9985/007-501	771-9985/007-502	1
6 m	771-9985/007-601	771-9985/007-602	1
7 m	771-9985/007-701	771-9985/007-702	1
8 m	771-9985/007-801	771-9985/007-802	1



Dimensions (in mm):

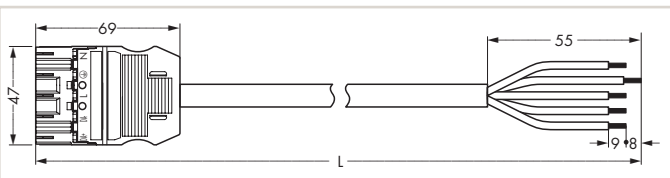


Connecting cable,
socket – free end, for dimming functions (e.g., DALI), PVC,
I-coding

Length	● black	○ white	Pack. Unit
1 m	771-9985/107-101	771-9985/107-102	1
2 m	771-9985/107-201	771-9985/107-202	1
3 m	771-9985/107-301	771-9985/107-302	1
4 m	771-9985/107-401	771-9985/107-402	1
5 m	771-9985/107-501	771-9985/107-502	1
6 m	771-9985/107-601	771-9985/107-602	1
7 m	771-9985/107-701	771-9985/107-702	1
8 m	771-9985/107-801	771-9985/107-802	1



Dimensions (in mm):



Connecting cable,
plug – free end, for dimming functions (e.g., DALI), PVC,
I-coding

Length	● black	○ white	Pack. Unit
1 m	771-9985/207-101	771-9985/207-102	1
2 m	771-9985/207-201	771-9985/207-202	1
3 m	771-9985/207-301	771-9985/207-302	1
4 m	771-9985/207-401	771-9985/207-402	1
5 m	771-9985/207-501	771-9985/207-502	1
6 m	771-9985/207-601	771-9985/207-602	1
7 m	771-9985/207-701	771-9985/207-702	1
8 m	771-9985/207-801	771-9985/207-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

I

Marking

N ⊕ L DA- DA+

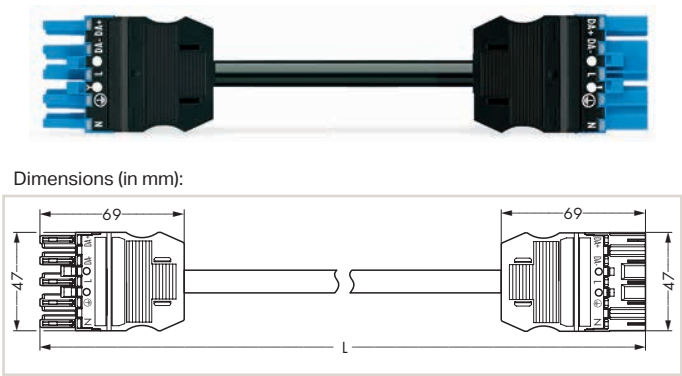
Color

● blue

WINSTA® MIDI

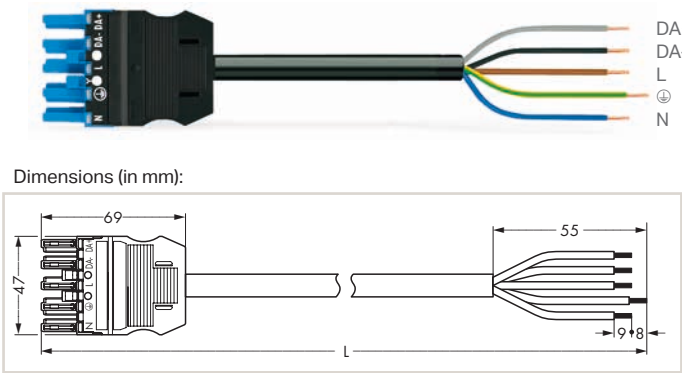
Cable Assemblies, 5 x 2.5 mm², Halogen-Free

771 Series

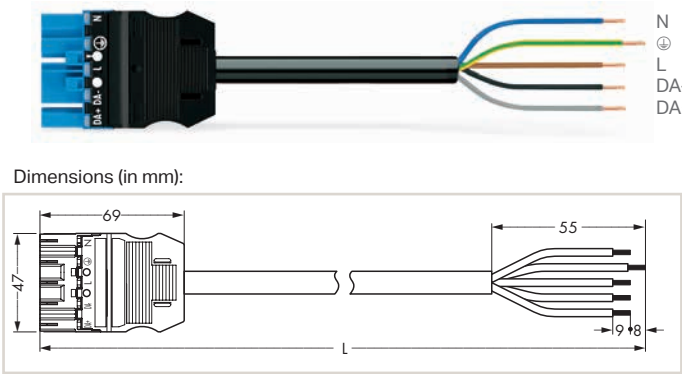


Rated voltage	400 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, for dimming functions (e.g., DALI), halogen-free, I-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9985/017-101	771-9985/017-102	1
2 m	771-9985/017-201	771-9985/017-202	1
3 m	771-9985/017-301	771-9985/017-302	1
4 m	771-9985/017-401	771-9985/017-402	1
5 m	771-9985/017-501	771-9985/017-502	1
6 m	771-9985/017-601	771-9985/017-602	1
7 m	771-9985/017-701	771-9985/017-702	1
8 m	771-9985/017-801	771-9985/017-802	1



Connecting cable, socket – free end, for dimming functions (e.g., DALI), halogen-free, I-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9985/117-101	771-9985/117-102	1
2 m	771-9985/117-201	771-9985/117-202	1
3 m	771-9985/117-301	771-9985/117-302	1
4 m	771-9985/117-401	771-9985/117-402	1
5 m	771-9985/117-501	771-9985/117-502	1
6 m	771-9985/117-601	771-9985/117-602	1
7 m	771-9985/117-701	771-9985/117-702	1
8 m	771-9985/117-801	771-9985/117-802	1



Connecting cable, plug – free end, for dimming functions (e.g., DALI), halogen-free, I-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9985/217-101	771-9985/217-102	1
2 m	771-9985/217-201	771-9985/217-202	1
3 m	771-9985/217-301	771-9985/217-302	1
4 m	771-9985/217-401	771-9985/217-402	1
5 m	771-9985/217-501	771-9985/217-502	1
6 m	771-9985/217-601	771-9985/217-602	1
7 m	771-9985/217-701	771-9985/217-702	1
8 m	771-9985/217-801	771-9985/217-802	1

Coding	Marking	Color
I	N ⊕ L DA- DA+	● blue

WINSTA® MIDI

Cable Assemblies, 5 x 2.5 mm², PVC

771 Series

Rated voltage	400 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded



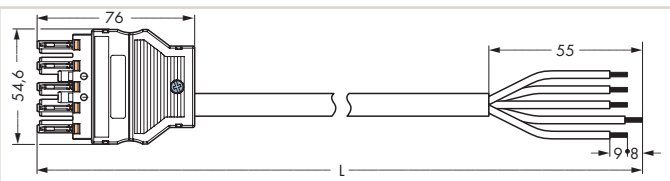
Dimensions (in mm):

Interconnecting cable,
socket – plug, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8985/007-103	771-8985/007-104	1
2 m	771-8985/007-203	771-8985/007-204	1
3 m	771-8985/007-303	771-8985/007-304	1
4 m	771-8985/007-403	771-8985/007-404	1
5 m	771-8985/007-503	771-8985/007-504	1
6 m	771-8985/007-603	771-8985/007-604	1
7 m	771-8985/007-703	771-8985/007-704	1
8 m	771-8985/007-803	771-8985/007-804	1



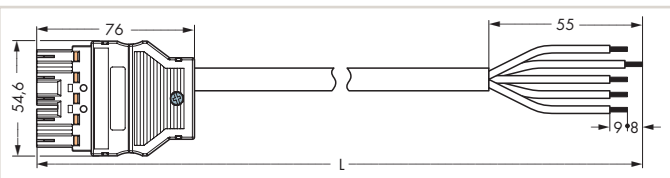
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8985/107-103	771-8985/107-104	1
2 m	771-8985/107-203	771-8985/107-204	1
3 m	771-8985/107-303	771-8985/107-304	1
4 m	771-8985/107-403	771-8985/107-404	1
5 m	771-8985/107-503	771-8985/107-504	1
6 m	771-8985/107-603	771-8985/107-604	1
7 m	771-8985/107-703	771-8985/107-704	1
8 m	771-8985/107-803	771-8985/107-804	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, L-coding

Length	● black	○ white	Pack. Unit
1 m	771-8985/207-103	771-8985/207-104	1
2 m	771-8985/207-203	771-8985/207-204	1
3 m	771-8985/207-303	771-8985/207-304	1
4 m	771-8985/207-403	771-8985/207-404	1
5 m	771-8985/207-503	771-8985/207-504	1
6 m	771-8985/207-603	771-8985/207-604	1
7 m	771-8985/207-703	771-8985/207-704	1
8 m	771-8985/207-803	771-8985/207-804	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

L

Marking

N ⊕ L N' L'

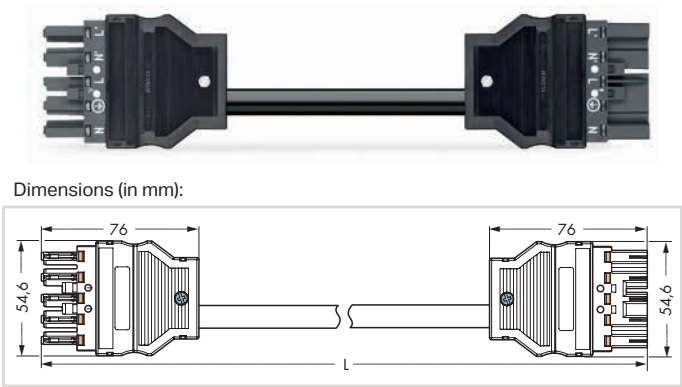
Color

● dark gray

WINSTA® MIDI

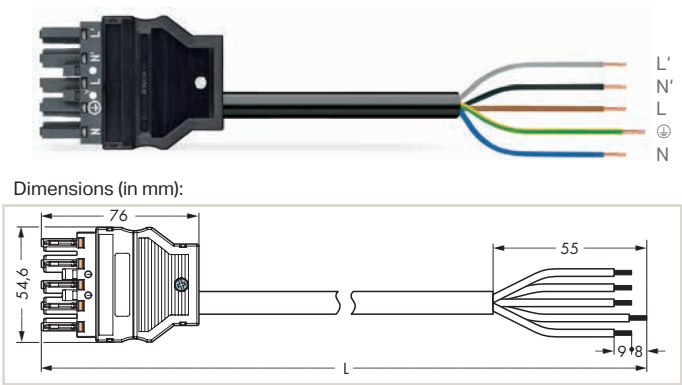
Cable Assemblies, 5 x 2.5 mm², Halogen-Free

771 Series

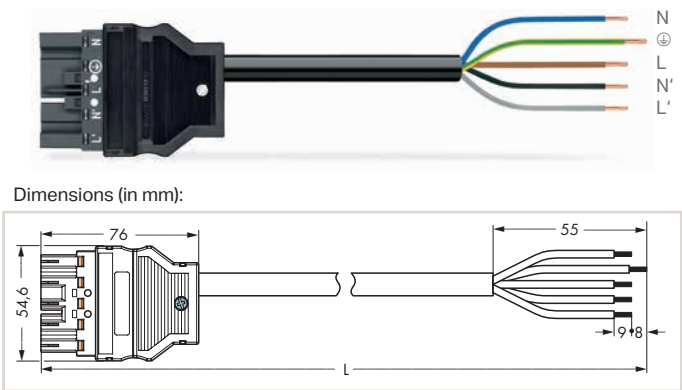


Rated voltage	400 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8985/017-103	771-8985/017-104	1
2 m	771-8985/017-203	771-8985/017-204	1
3 m	771-8985/017-303	771-8985/017-304	1
4 m	771-8985/017-403	771-8985/017-404	1
5 m	771-8985/017-503	771-8985/017-504	1
6 m	771-8985/017-603	771-8985/017-604	1
7 m	771-8985/017-703	771-8985/017-704	1
8 m	771-8985/017-803	771-8985/017-804	1



Connecting cable, socket – free end, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8985/117-103	771-8985/117-104	1
2 m	771-8985/117-203	771-8985/117-204	1
3 m	771-8985/117-303	771-8985/117-304	1
4 m	771-8985/117-403	771-8985/117-404	1
5 m	771-8985/117-503	771-8985/117-504	1
6 m	771-8985/117-603	771-8985/117-604	1
7 m	771-8985/117-703	771-8985/117-704	1
8 m	771-8985/117-803	771-8985/117-804	1



Connecting cable, plug – free end, halogen-free, L-coding			
Length	● black	○ white	Pack. Unit
1 m	771-8985/217-103	771-8985/217-104	1
2 m	771-8985/217-203	771-8985/217-204	1
3 m	771-8985/217-303	771-8985/217-304	1
4 m	771-8985/217-403	771-8985/217-404	1
5 m	771-8985/217-503	771-8985/217-504	1
6 m	771-8985/217-603	771-8985/217-604	1
7 m	771-8985/217-703	771-8985/217-704	1
8 m	771-8985/217-803	771-8985/217-804	1

Coding	Marking	Color
L	N ⊕ L N' L'	● dark gray

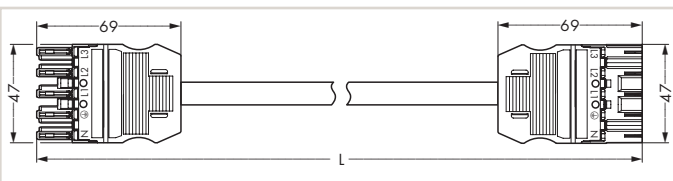
WINSTA® MIDI

Cable Assemblies, 5 x 2.5 mm², PVC

771 Series



Dimensions (in mm):



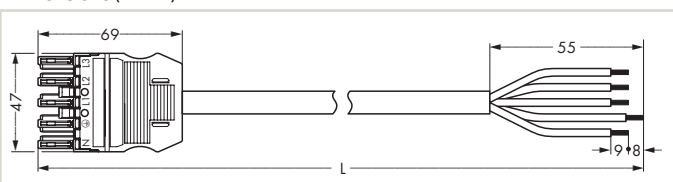
Rated voltage	400 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9975/007-101	771-9975/007-102	1
2 m	771-9975/007-201	771-9975/007-202	1
3 m	771-9975/007-301	771-9975/007-302	1
4 m	771-9975/007-401	771-9975/007-402	1
5 m	771-9975/007-501	771-9975/007-502	1
6 m	771-9975/007-601	771-9975/007-602	1
7 m	771-9975/007-701	771-9975/007-702	1
8 m	771-9975/007-801	771-9975/007-802	1



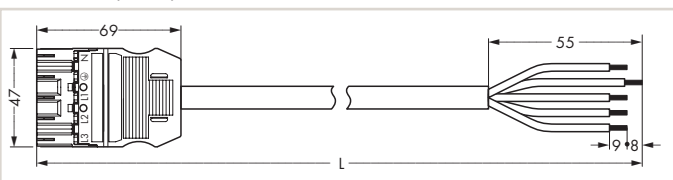
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9975/107-101	771-9975/107-102	1
2 m	771-9975/107-201	771-9975/107-202	1
3 m	771-9975/107-301	771-9975/107-302	1
4 m	771-9975/107-401	771-9975/107-402	1
5 m	771-9975/107-501	771-9975/107-502	1
6 m	771-9975/107-601	771-9975/107-602	1
7 m	771-9975/107-701	771-9975/107-702	1
8 m	771-9975/107-801	771-9975/107-802	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, P-coding

Length	● black	○ white	Pack. Unit
1 m	771-9975/207-101	771-9975/207-102	1
2 m	771-9975/207-201	771-9975/207-202	1
3 m	771-9975/207-301	771-9975/207-302	1
4 m	771-9975/207-401	771-9975/207-402	1
5 m	771-9975/207-501	771-9975/207-502	1
6 m	771-9975/207-601	771-9975/207-602	1
7 m	771-9975/207-701	771-9975/207-702	1
8 m	771-9975/207-801	771-9975/207-802	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding
P

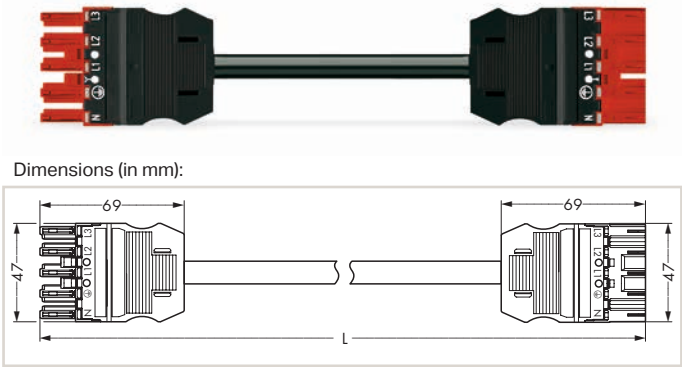
Marking
N ⊕ L1 L2 L3

Color
● red

WINSTA® MIDI

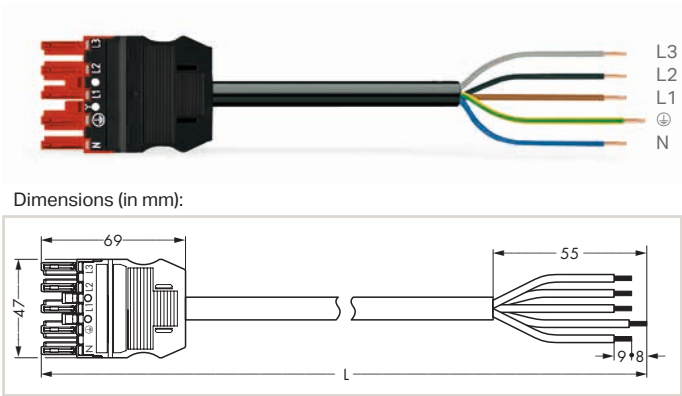
Cable Assemblies, 5 x 2.5 mm², Halogen-Free

771 Series

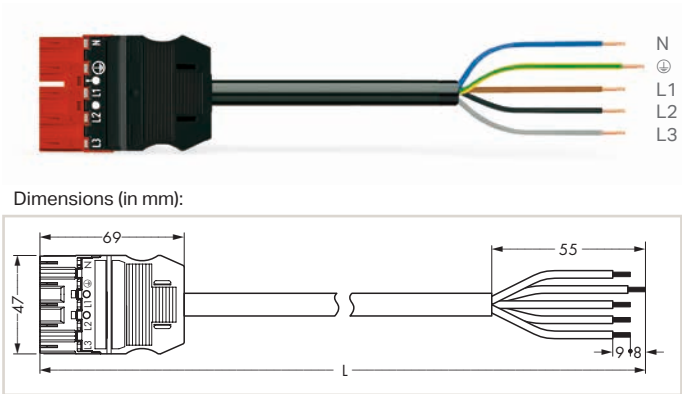


Rated voltage	400 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9975/017-101	771-9975/017-102	1
2 m	771-9975/017-201	771-9975/017-202	1
3 m	771-9975/017-301	771-9975/017-302	1
4 m	771-9975/017-401	771-9975/017-402	1
5 m	771-9975/017-501	771-9975/017-502	1
6 m	771-9975/017-601	771-9975/017-602	1
7 m	771-9975/017-701	771-9975/017-702	1
8 m	771-9975/017-801	771-9975/017-802	1



Connecting cable, socket – free end, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9975/117-101	771-9975/117-102	1
2 m	771-9975/117-201	771-9975/117-202	1
3 m	771-9975/117-301	771-9975/117-302	1
4 m	771-9975/117-401	771-9975/117-402	1
5 m	771-9975/117-501	771-9975/117-502	1
6 m	771-9975/117-601	771-9975/117-602	1
7 m	771-9975/117-701	771-9975/117-702	1
8 m	771-9975/117-801	771-9975/117-802	1



Connecting cable, plug – free end, halogen-free, P-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9975/217-101	771-9975/217-102	1
2 m	771-9975/217-201	771-9975/217-202	1
3 m	771-9975/217-301	771-9975/217-302	1
4 m	771-9975/217-401	771-9975/217-402	1
5 m	771-9975/217-501	771-9975/217-502	1
6 m	771-9975/217-601	771-9975/217-602	1
7 m	771-9975/217-701	771-9975/217-702	1
8 m	771-9975/217-801	771-9975/217-802	1

Coding	Marking	Color
P	N ⊕ L1 L2 L3	● red

WINSTA® MIDI

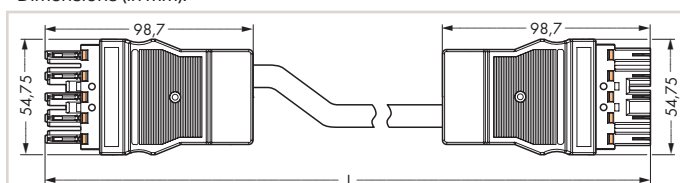
Cable Assemblies, 5 x 4 mm², PVC

771 Series

Rated voltage	400 V
Rated current	25 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded



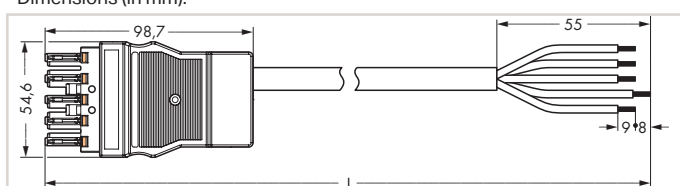
Dimensions (in mm):

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	Pack. Unit
1 m	771-8995/008-101	1
2 m	771-8995/008-201	1
3 m	771-8995/008-301	1
4 m	771-8995/008-401	1
5 m	771-8995/008-501	1
6 m	771-8995/008-601	1
7 m	771-8995/008-701	1
8 m	771-8995/008-801	1



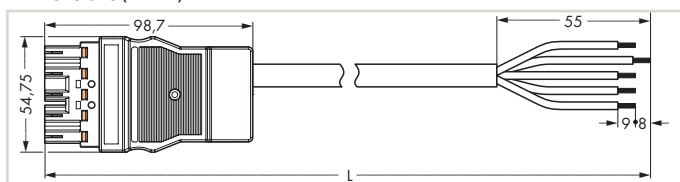
Dimensions (in mm):

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	Pack. Unit
1 m	771-8995/108-101	1
2 m	771-8995/108-201	1
3 m	771-8995/108-301	1
4 m	771-8995/108-401	1
5 m	771-8995/108-501	1
6 m	771-8995/108-601	1
7 m	771-8995/108-701	1
8 m	771-8995/108-801	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	Pack. Unit
1 m	771-8995/208-101	1
2 m	771-8995/208-201	1
3 m	771-8995/208-301	1
4 m	771-8995/208-401	1
5 m	771-8995/208-501	1
6 m	771-8995/208-601	1
7 m	771-8995/208-701	1
8 m	771-8995/208-801	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 360

Coding

A

A

Marking

N ⊕ L1 L2 L3

N ⊕ L1 L2 L3

Color

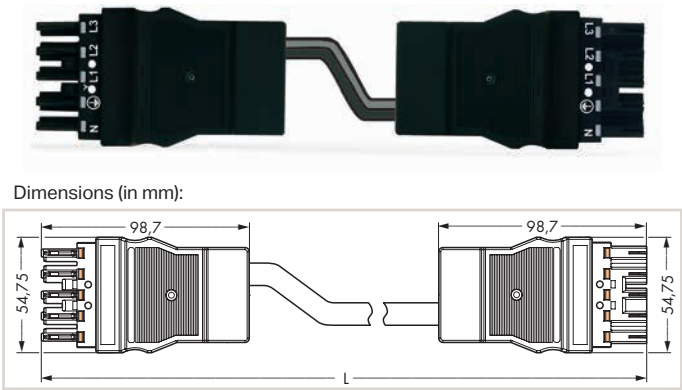
● black

○ white

WINSTA® MIDI

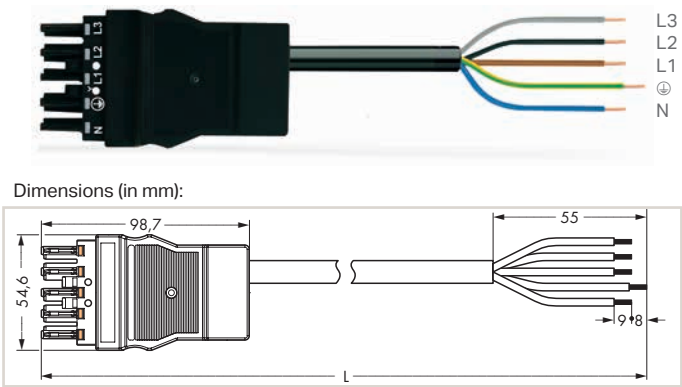
Cable Assemblies, 5 x 4 mm², Halogen-Free

771 Series

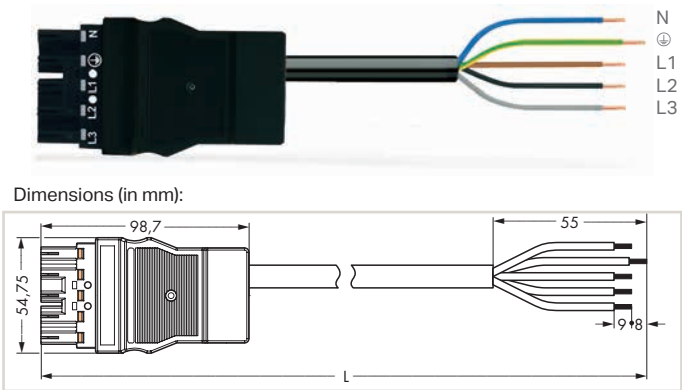


Rated voltage	400 V
Rated current	25 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding		
Length	● black	Pack. Unit
1 m	771-8995/018-101	1
2 m	771-8995/018-201	1
3 m	771-8995/018-301	1
4 m	771-8995/018-401	1
5 m	771-8995/018-501	1
6 m	771-8995/018-601	1
7 m	771-8995/018-701	1
8 m	771-8995/018-801	1



Connecting cable, socket – free end, halogen-free, A-coding		
Length	● black	Pack. Unit
1 m	771-8995/118-101	1
2 m	771-8995/118-201	1
3 m	771-8995/118-301	1
4 m	771-8995/118-401	1
5 m	771-8995/118-501	1
6 m	771-8995/118-601	1
7 m	771-8995/118-701	1
8 m	771-8995/118-801	1



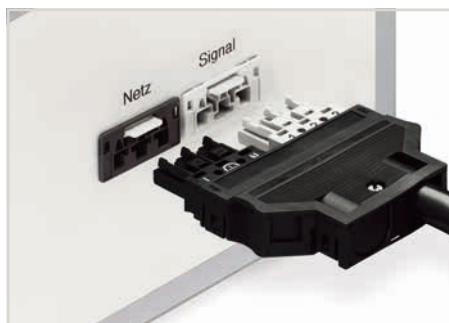
Connecting cable, plug – free end, halogen-free, A-coding		
Length	● black	Pack. Unit
1 m	771-8995/218-101	1
2 m	771-8995/218-201	1
3 m	771-8995/218-301	1
4 m	771-8995/218-401	1
5 m	771-8995/218-501	1
6 m	771-8995/218-601	1
7 m	771-8995/218-701	1
8 m	771-8995/218-801	1

Coding	Marking	Color
A	N Ⓢ L1 L2 L3	● black
A	N Ⓢ L1 L2 L3	○ white

WINSTA® MIDI

Strain Relief Housings, 6-Pole

770 Series

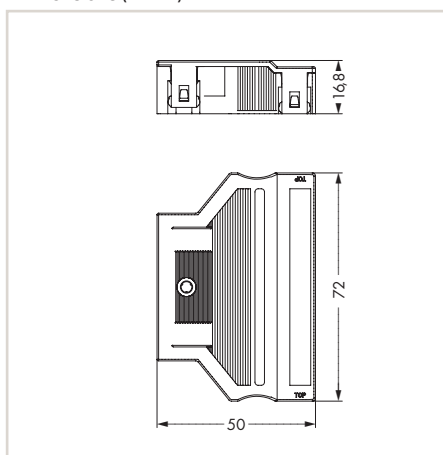


Snap-on type strain relief housings for:

- two 3-pole sockets
- two 3-pole plugs
- 3-pole socket and plug

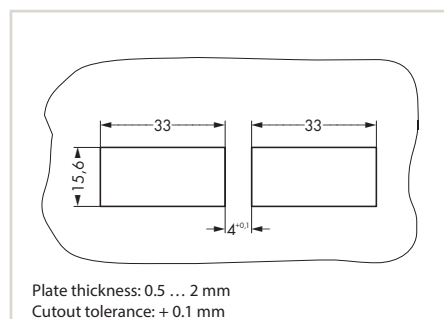


Dimensions (in mm):

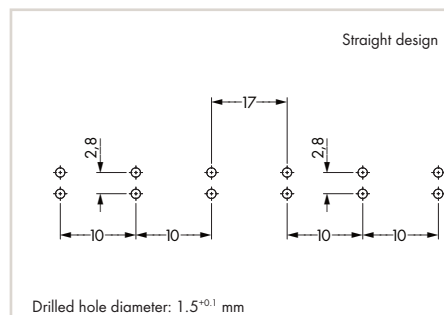


Strain relief housing,
for two cables, for 8 ... 13.5 mm cable diameter,
55 mm strip length

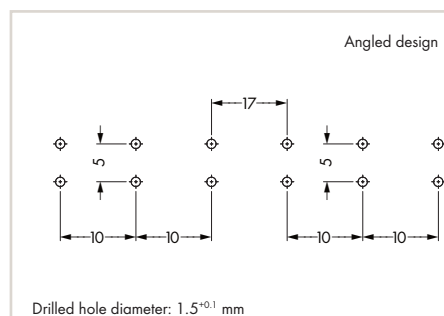
Color	Item No.	Pack. Unit
black	770-506/029-000	50
white	770-516/029-000	50



Using a 6-pole strain relief housing with snap-in connectors requires the cutout dimensions shown above.



Using a straight, 6-pole PCB connector requires the hole patterns shown above.



Using an angled, 6-pole PCB connector requires the hole patterns shown above.

Marking strips,
see page 357

Approvals,
see www.wago.com

WINSTA® MIDI

Strain Relief Housings, 7-Pole

770 Series

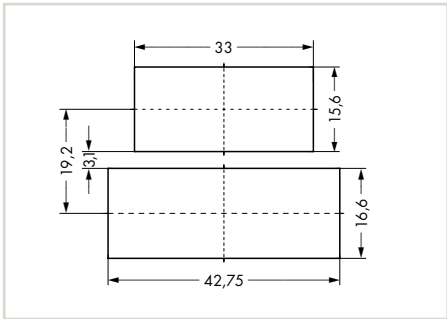
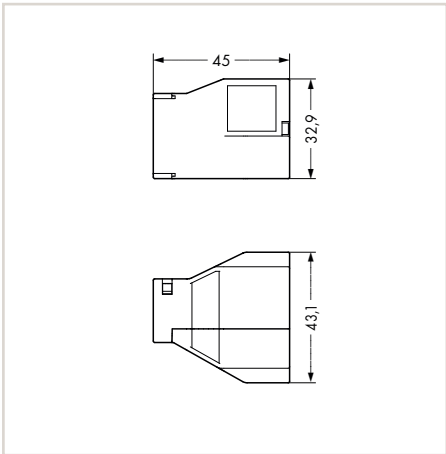


Snap-on type strain relief housings for:

- 3-pole socket or plug
- 4-pole socket or plug



„Flying leads“
(NOTICE: Only use locking levers on upper position)

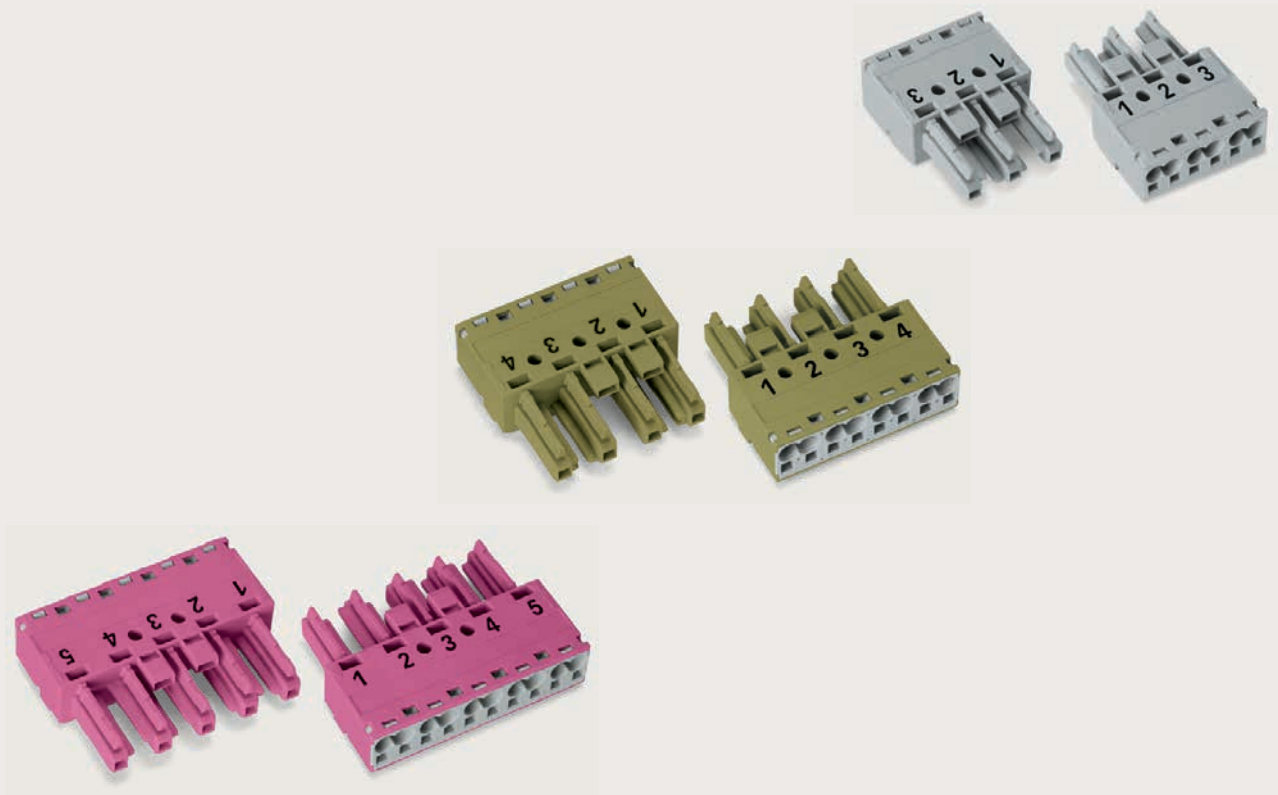


Using a 7-pole strain relief housing with snap-in connectors requires the cutout dimensions shown above.



„Flying leads“

Strain relief housing, for one cable, 8 ... 15 mm cable diameter, 55 mm strip length		
Color	Item No.	Pack. Unit
black	770-507/047-000	200
white	770-517/047-000	200



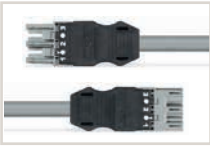
WINSTA® MIDI special

Important note:

B-Coded components from the *WINSTA®* MIDI special series are designed for specialty applications (e.g., measurement, control and regulation technology) and certified per DIN EN 61984. In addition to the gray models rated from 110 to 400 V, there is now also a variant in light green for low voltages up to 48 V, as well as a pink one for bus applications. Each of the three versions is available in 2-, 3- or 4- and 5-pole configurations. Pole marking can be printed at the factory to suit customer requirements. According to IEC 61535, B-coded products are protected against mismatching with all other coding types found in the *WINSTA®* system. Within B-coding, all special variants can mate with each other. The variable coding system provides clear circuit identification. Special variants can be clearly differentiated according to color and pole marking. They can be coded on-site or delivered with factory-installed custom coding.

WINSTA® MIDI special**4 mm² / 25 A****770 / 771 Series**

- Note:**
- Installation connectors are designed for connection and disconnection while not under load.
 - There is no hazard-inducing interchangeability with systems based on IEC 60309, IEC 60320, IEC 60906 and with national connector and socket systems.
 - Compliance with the standards does not guarantee hazard-preventing, non-interchangeability with installation connector systems from various manufacturers.
 - Installation connector systems are not a substitute for residential connector/socket systems.

	Page
	Pluggable Connectors, 770 Series
	2-pole 209
	3-pole 216
	4-pole 224
	5-pole 232
	Snap-In Device Connectors, 770 Series
	2-pole 210
	3-pole 217
	4-pole 225
	5-pole 233
	Pluggable PCB Connectors, 770 Series
	3-pole 218
	4-pole 226
	5-pole 234
	Distribution Connectors, 770 Series
	2-pole 212
	3-pole 220
	4-pole 228
	5-pole 236
	Cable Assemblies, 771 Series
	2-pole 214
	3-pole 222
	4-pole 230
	5-pole 238

WINSTA® MIDI special

Technical Data, 2- to 5-Pole

770 / 771 Series



Connection Data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Solid conductor, push-in termination	1.5 ... 4 mm² / 16 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm² / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Fine-stranded conductor with uninsulated ferrule	0.25 ... 2.5 mm² / 20 ... 14 AWG
Fine-stranded conductor with insulated ferrule	0.25 ... 1.5 mm² / 20 ... 16 AWG
Strip length	9 mm / 0.35 inch (see also packaging or instructions)

Electrical Data

Rated voltage (III / 3)	
2-pole	250 V
3-pole	250 V
4-pole	400 V
5-pole	400 V
Rated surge voltage (III / 3)	
2-pole	4 kV
3-pole	4 kV
4-pole	6 kV
5-pole	6 kV
Rated current	
2-pole	25 A
3-pole	25 A
4-pole	25 A 25 A for 3-pole load 20 A for 4-pole load
5-pole	25 A 25 A for 3-pole load 20 A for 4- and 5-pole load
Clearances and Creepage Distances	≥ 5.5 mm to exposed surfaces
Contact resistance	approx. 1 mΩ contact resistance approx. 0.25 mΩ contact transition socket / plug
Number of potentials	
2-pole	2
3-pole	3
4-pole	4
5-pole	5
Number of connection points	
2-pole	2
3-pole	3
4-pole	4
5-pole	5

Mechanical Data

Mating cycles	200, without resistive load 100, with resistive load $I_N = 16$ A (1.5 mm²)
Mating forces	20 ... 70 N (depending on pole number)
Unmating forces	20 ... 70 N (depending on pole number) when unlocked
Retention forces	> 80 N (locked)
Cable diameter	
2-pole	7 ... 10.5 mm
3-pole	8 ... 11.5 mm
4-pole	9 ... 13 mm
5-pole	9 ... 13 mm
Protection type	IP2xC (with strain relief housing) Note: These compact connectors are not designed for use in open, easily accessible areas.
Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... ≤ +85 °C PVC cable ≤ +70 °C (incl. halogen-free) Insulating parts ≤ +105 °C

770 / 771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 362

Locking Levers

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for “flying leads” (plug/socket).

Material Data

Insulating parts	Polyamide (PA 66), halogen-free
Contacts	Copper or copper alloy, surface-treated
Clamping spring	Stainless steel (Cr-Ni)
Flammability class (per UL 94)	V0

Standards/Approvals

- UL (Depending on end-product standard, it **may** be necessary to use UL-approved cables with an appropriate AWG. These cables are available upon request.)
- CCA certificate
- IEC 61984
- LR
- GL
- DNV
- Strain relief housings for use in easily accessible areas are available (see page 148). These products meet IP 2XD protection class.

WINSTA® MIDI special

Description and Usage

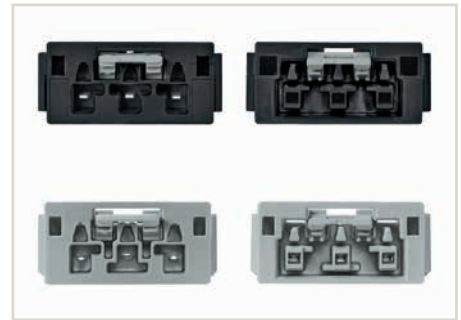
770 / 771 Series



Gray, B-coded connector with "3 2 1" marking, e.g., control signal (A circuit)

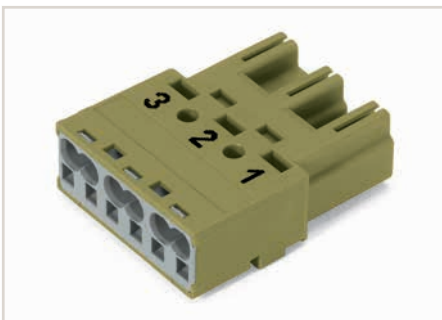


Easy circuit identification via different marking and colors

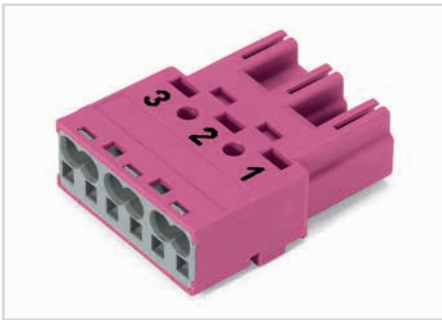


B-coded connectors (shown in gray) not only differ in color, but also in their design, making them incompatible with other coded connectors.

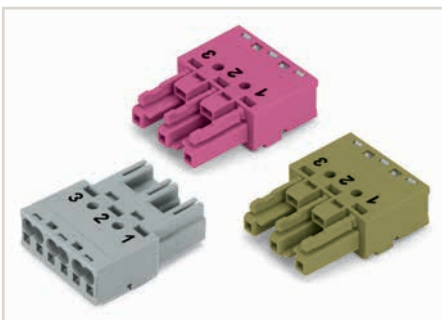
4



Light green, B-coded connector with "3 2 1" marking, e.g., DC power supply (24 V circuit)



Pink, B-coded connector with "3 2 1" marking, e.g., control signal (B circuit)

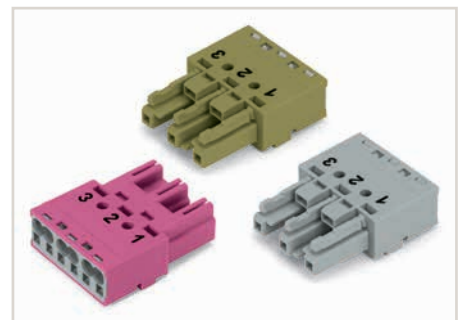
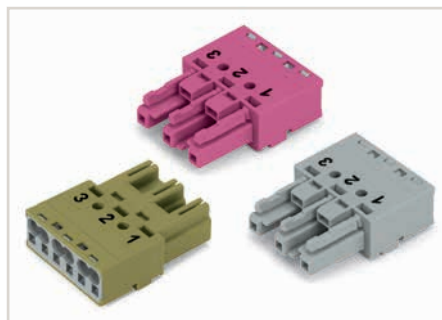


B-coded connectors with different colors can be plugged together.

Important note:

Different colors and/or pole marking are used for circuit identification.

Only connectors of the same color and same pole marking must be plugged together.



Installation notes for conductor connection, shield termination, operating tools and mounting aids for WINSTA® MIDI special pluggable connectors are on page 100.

WINSTA® MIDI special Sockets and Plugs, 2-Pole 770 Series



Snap on locking lever – observe direction (picture shows 3-pole plug).

Conductor range

0.5 ... 4 mm² / 20 ... 12 AWG

Rated voltage

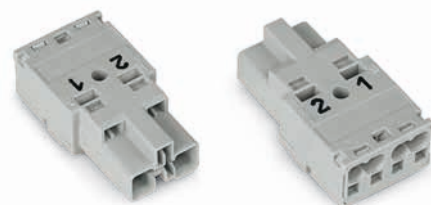
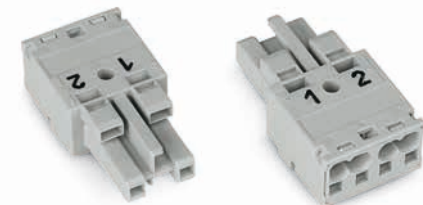
250 V

Rated current

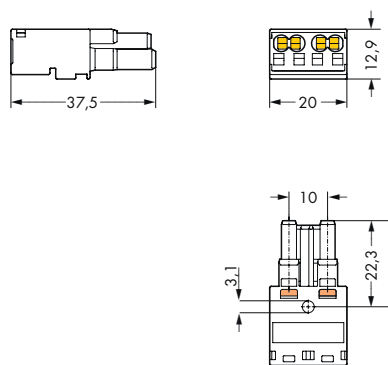
25 A

Strip length

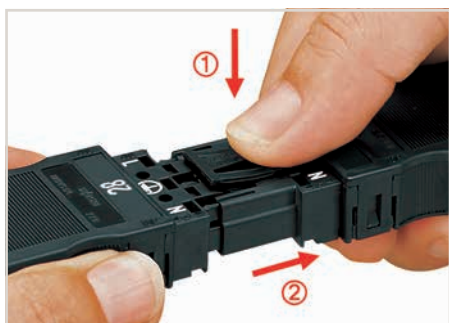
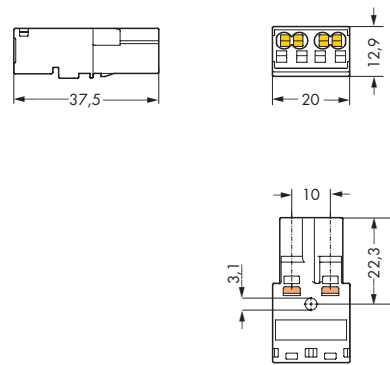
9 mm / 0.35 inch



Dimensions (in mm):

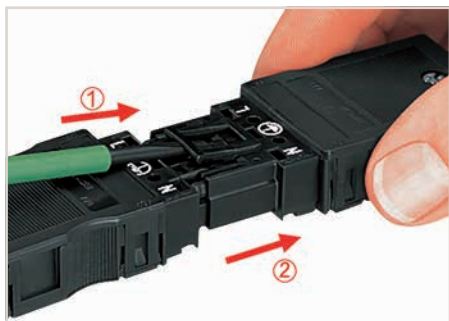


Dimensions (in mm):



Locking lever, manually operated (picture shows 3-pole connectors):

- Push on locking lever.
- Pull apart the connectors.



Locking lever, tool operated (picture shows 3-pole connectors):

- Unlatch locking lever.
- Pull apart the connectors.

Socket, without strain relief housing

Color	Item No.	Pack. Unit
gray	770-242	100
gray	770-242/060-000	100
light green	770-262	100
pink	770-282	100
pink	770-282/080-000	100
pink	770-282/082-000	100

Plug, without strain relief housing

Color	Item No.	Pack. Unit
gray	770-252	100
gray	770-252/060-000	100
light green	770-272	100
pink	770-292	100
pink	770-292/080-000	100
pink	770-292/082-000	100

Additional pole marking available upon request.

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/ socket).

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

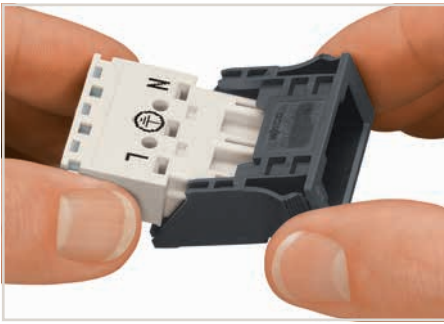
Coding Overview,
see page 362

Coding	Marking	Suffix No.	Color
B	1 2		gray
B	L N	/060-000	gray
B	1 2		light green
B	1 2		pink
B	1+ 1-	/080-000	pink
B	+ -	/082-000	pink

WINSTA® MIDI special

Snap-In Frames, 2-Pole

770 Series

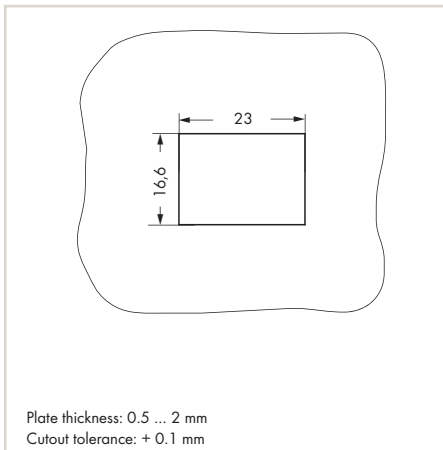


Insert the socket or plug into the frame (observe the "TOP" marking on the frame!), Snap the assembled unit into the cutout (example shows a 3-pole connector).

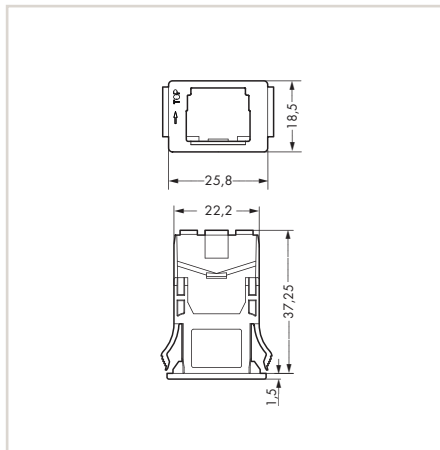


4

Dimensions (in mm):



Dimensions (in mm):



Snap-in frame,
for 2-pole sockets and plugs

Color	Item No.	Pack. Unit
black	770-317	100
white	770-337	100

770 Series Accessories,
see page 343

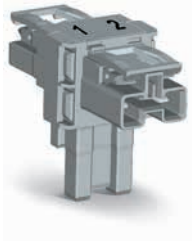
Approvals,
see www.wago.com

WINSTA® MIDI special

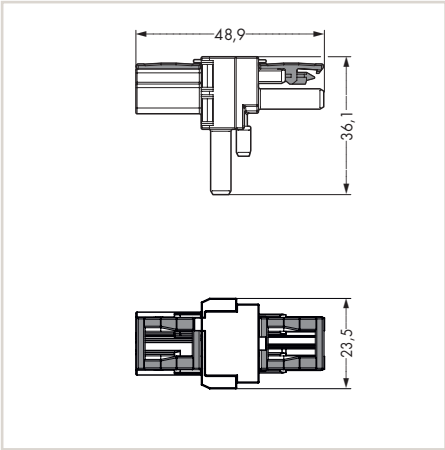
T-Distribution Connectors, 2-Pole

770 Series

Rated voltage	250 V
Rated current	25 A



Dimensions (in mm):



T-distribution connector, 1 x plug/2 x socket		
Color	Item No.	Pack. Unit
 gray	770-1601	50
 light green	770-1602	50
 pink	770-1603	50

T-distribution connector, 1 x plug/2 x socket, for “flying leads,” with 3rd locking lever		
Color	Item No.	Pack. Unit
 gray	770-1701	50
 light green	770-1702	50
 pink	770-1703	50

Additional pole marking available upon request.

 770 Series Accessories, see page 343
 Approvals, see www.wago.com
 Coding Overview, see page 362

Coding	Marking	Color
B	1 2	 gray
B	1 2	 light green
B	1 2	 pink

WINSTA® MIDI special

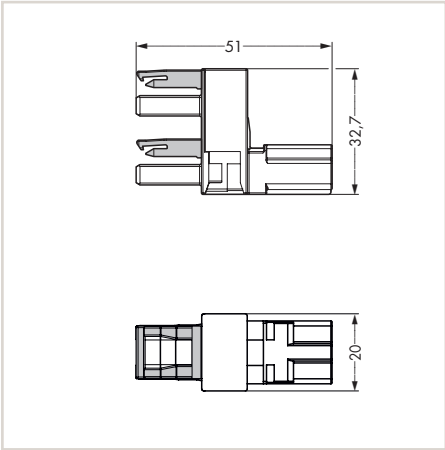
Distribution Connectors, 2-Pole

770 Series

Rated voltage	250 V
Rated current	25 A



Dimensions (in mm):

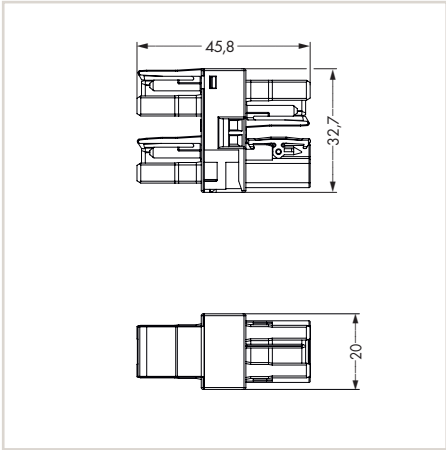


h-distribution connector, unidirectional, plug/socket – socket		
Color	Item No.	Pack. Unit
gray	770-1651	50
light green	770-1652	50
pink	770-1653	50

h-distribution connector, unidirectional, plug/socket – socket, for “flying leads,” with 3rd locking lever		
Color	Item No.	Pack. Unit
gray	770-1751	50
light green	770-1752	50
pink	770-1753	50



Dimensions (in mm):



Distribution connector, 3-way, 1 x plug/3 x socket		
Color	Item No.	Pack. Unit
gray	770-1704	50
light green	770-1705	50
pink	770-1706	50

Coding	Marking	Color
B	1 2	gray
B	1 2	light green
B	1 2	pink

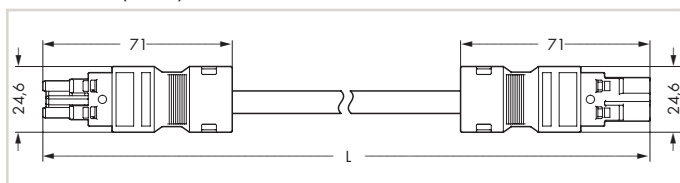
WINSTA® MIDI special

Cable Assemblies, 2 x 1 mm², PVC

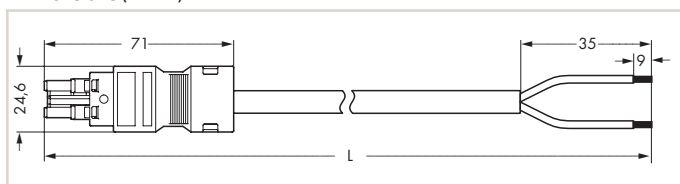
771 Series



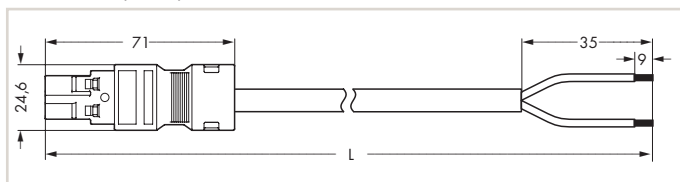
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-8992/005-103	771-8992/005-105	771-8992/005-107	1
2 m	771-8992/005-203	771-8992/005-205	771-8992/005-207	1
3 m	771-8992/005-303	771-8992/005-305	771-8992/005-307	1
4 m	771-8992/005-403	771-8992/005-405	771-8992/005-407	1
5 m	771-8992/005-503	771-8992/005-505	771-8992/005-507	1
6 m	771-8992/005-603	771-8992/005-605	771-8992/005-607	1
7 m	771-8992/005-703	771-8992/005-705	771-8992/005-707	1
8 m	771-8992/005-803	771-8992/005-805	771-8992/005-807	1

Connecting cable, socket – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-8992/105-103	771-8992/105-105	771-8992/105-107	1
2 m	771-8992/105-203	771-8992/105-205	771-8992/105-207	1
3 m	771-8992/105-303	771-8992/105-305	771-8992/105-307	1
4 m	771-8992/105-403	771-8992/105-405	771-8992/105-407	1
5 m	771-8992/105-503	771-8992/105-505	771-8992/105-507	1
6 m	771-8992/105-603	771-8992/105-605	771-8992/105-607	1
7 m	771-8992/105-703	771-8992/105-705	771-8992/105-707	1
8 m	771-8992/105-803	771-8992/105-805	771-8992/105-807	1

Connecting cable, plug – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-8992/205-103	771-8992/205-105	771-8992/205-107	1
2 m	771-8992/205-203	771-8992/205-205	771-8992/205-207	1
3 m	771-8992/205-303	771-8992/205-305	771-8992/205-307	1
4 m	771-8992/205-403	771-8992/205-405	771-8992/205-407	1
5 m	771-8992/205-503	771-8992/205-505	771-8992/205-507	1
6 m	771-8992/205-603	771-8992/205-605	771-8992/205-607	1
7 m	771-8992/205-703	771-8992/205-705	771-8992/205-707	1
8 m	771-8992/205-803	771-8992/205-805	771-8992/205-807	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

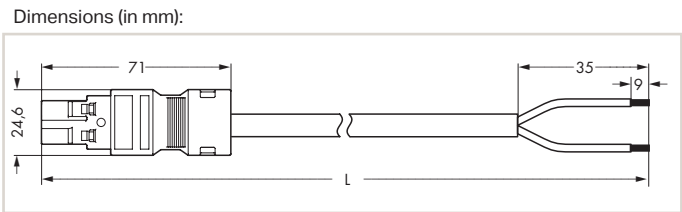
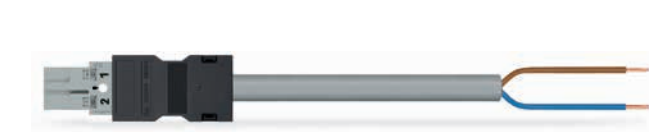
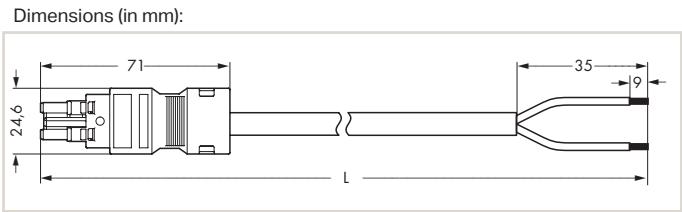
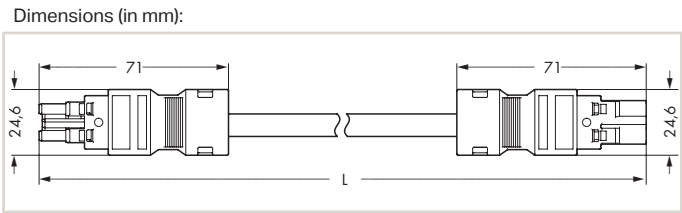
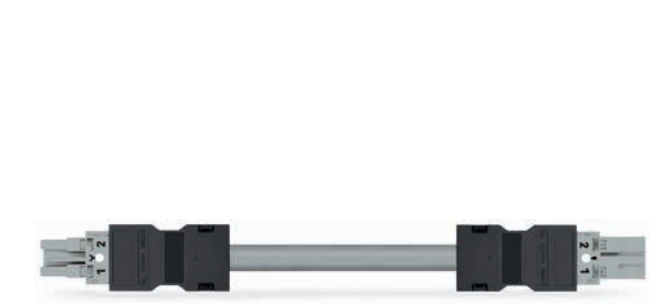
771 Series Accessories,
see page 343

Approvals,
see www.wago.com

Codings,
see page 362

Coding	Marking	Color
B	1 2	gray
B	1 2	light green
B	1 2	pink

WINSTA® MINI special
Cable Assemblies, 2 x 1.5 mm², PVC
771 Series



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-8992/006-103	771-8992/006-105	771-8992/006-107	1
2 m	771-8992/006-203	771-8992/006-205	771-8992/006-207	1
3 m	771-8992/006-303	771-8992/006-305	771-8992/006-307	1
4 m	771-8992/006-403	771-8992/006-405	771-8992/006-407	1
5 m	771-8992/006-503	771-8992/006-505	771-8992/006-507	1
6 m	771-8992/006-603	771-8992/006-605	771-8992/006-607	1
7 m	771-8992/006-703	771-8992/006-705	771-8992/006-707	1
8 m	771-8992/006-803	771-8992/006-805	771-8992/006-807	1

Connecting cable, socket – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-8992/106-103	771-8992/106-105	771-8992/106-107	1
2 m	771-8992/106-203	771-8992/106-205	771-8992/106-207	1
3 m	771-8992/106-303	771-8992/106-305	771-8992/106-307	1
4 m	771-8992/106-403	771-8992/106-405	771-8992/106-407	1
5 m	771-8992/106-503	771-8992/106-505	771-8992/106-507	1
6 m	771-8992/106-603	771-8992/106-605	771-8992/106-607	1
7 m	771-8992/106-703	771-8992/106-705	771-8992/106-707	1
8 m	771-8992/106-803	771-8992/106-805	771-8992/106-807	1

Connecting cable, plug – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-8992/206-103	771-8992/206-105	771-8992/206-107	1
2 m	771-8992/206-203	771-8992/206-205	771-8992/206-207	1
3 m	771-8992/206-303	771-8992/206-305	771-8992/206-307	1
4 m	771-8992/206-403	771-8992/206-405	771-8992/206-407	1
5 m	771-8992/206-503	771-8992/206-505	771-8992/206-507	1
6 m	771-8992/206-603	771-8992/206-605	771-8992/206-607	1
7 m	771-8992/206-703	771-8992/206-705	771-8992/206-707	1
8 m	771-8992/206-803	771-8992/206-805	771-8992/206-807	1

Coding	Marking	Color
B	1 2	gray
B	1 2	light green
B	1 2	pink

WINSTA® MIDI special

Sockets and Plugs, 3-Pole

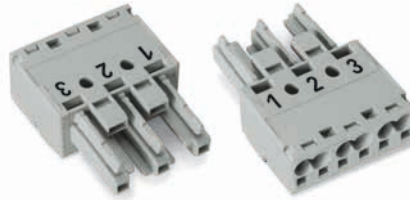
770 Series



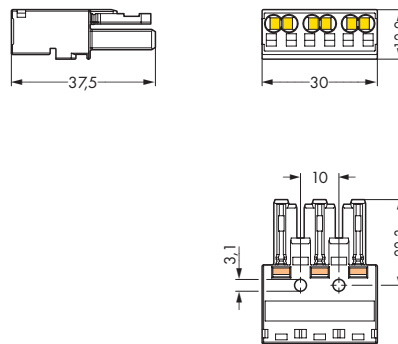
Snap on locking lever. Observe direction!

Conductor range
Rated voltage
Rated current
Strip length

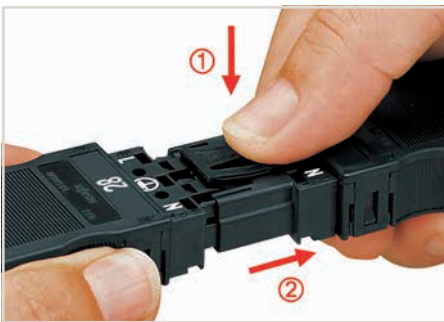
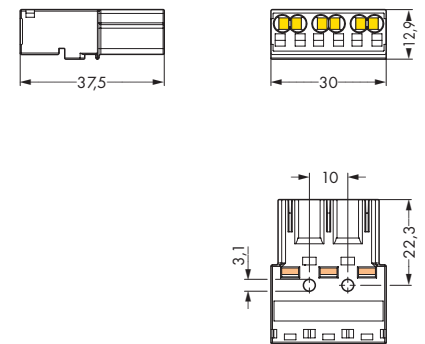
0.5 ... 4 mm² / 20 ... 12 AWG
250 V
25 A
9 mm / 0.35 inch



Dimensions (in mm):

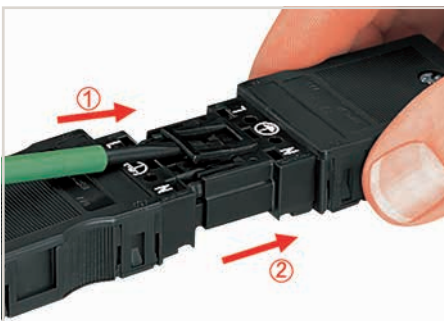


Dimensions (in mm):



Locking lever, manually operated:

- Push on locking lever.
- Pull apart the connectors.



Locking lever, tool operated:

- Unlatch locking lever.
- Pull apart the connectors.

Socket,
without strain relief housing

Color	Item No.	Pack. Unit
gray	770-243	100
gray	770-243/060-000	100
gray	770-243/062-000	100
light green	770-263	100
light green	770-263/071-000	100
light green	770-263/073-000	100
pink	770-283	100
pink	770-283/081-000	100
pink	770-283/082-000	100

Plug,
without strain relief housing

Color	Item No.	Pack. Unit
gray	770-253	100
gray	770-253/060-000	100
gray	770-253/062-000	100
light green	770-273	100
light green	770-273/071-000	100
light green	770-273/073-000	100
pink	770-293	100
pink	770-293/081-000	100
pink	770-293/082-000	100

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 362

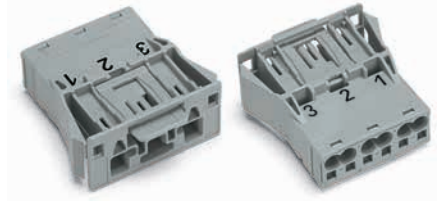
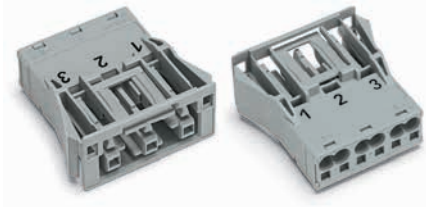
Coding	Marking	Suffix No.	Color
B	1 2 3		gray
B	L ⊕ N	/060-000	gray
B	2 PE 1	/062-000	gray
B	1 2 3		light green
B	U+ X/Y U-	/071-000	light green
B	1 ⊕ 2	/073-000	light green
B	1 2 3		pink
B	1 2 5	/081-000	pink
B	+ S -	/082-000	pink

WINSTA® MIDI special

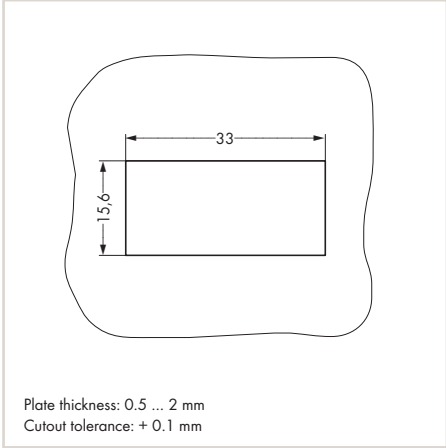
Snap-In Sockets and Plugs, 3-Pole

770 Series

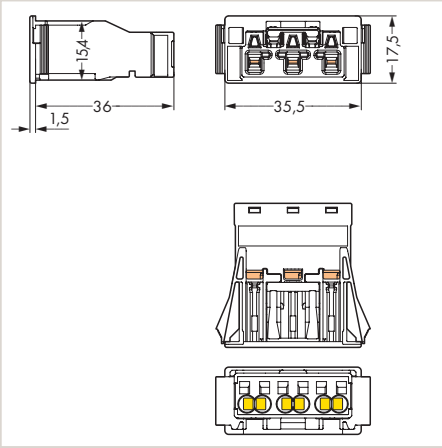
Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	250 V
Rated current	25 A
Strip length	9 mm / 0.35 inch



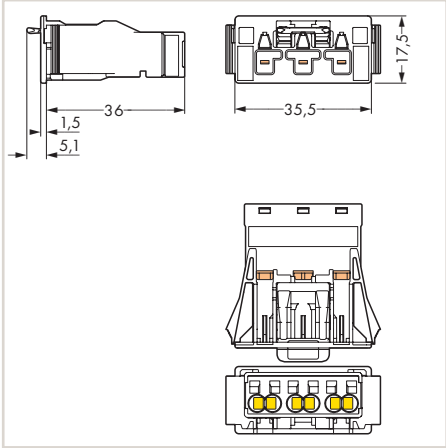
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket		
Color	Item No.	Pack. Unit
gray	770-743	100
gray	770-743/060-000	100
gray	770-743/062-000	100
light green	770-763	100
light green	770-763/071-000	100
light green	770-763/073-000	100
pink	770-783	100
pink	770-783/081-000	100
pink	770-783/082-000	100

Plug		
Color	Item No.	Pack. Unit
gray	770-753	100
gray	770-753/060-000	100
gray	770-753/062-000	100
light green	770-773	100
light green	770-773/071-000	100
light green	770-773/073-000	100
pink	770-793	100
pink	770-793/081-000	100
pink	770-793/082-000	100

Coding	Marking	Suffix No.	Color
B	1 2 3		gray
B	L ⊕ N	/060-000	gray
B	2 PE 1	/062-000	gray
B	1 2 3		light green
B	U+ X/Y U-	/071-000	light green
B	1 ⊕ 2	/073-000	light green
B	1 2 3		pink
B	1 2 5	/081-000	pink
B	+ S -	/082-000	pink

WINSTA® MIDI special

Pluggable PCB Connectors, 3-Pole

770 Series

Rated voltage

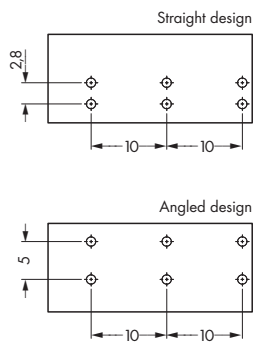
250 V

Rated current

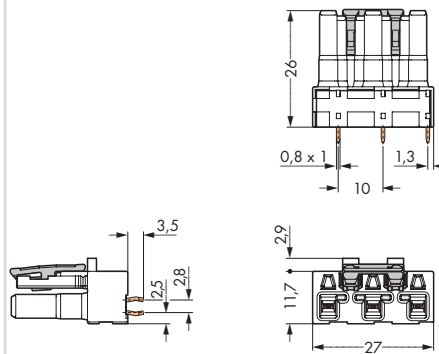
25 A



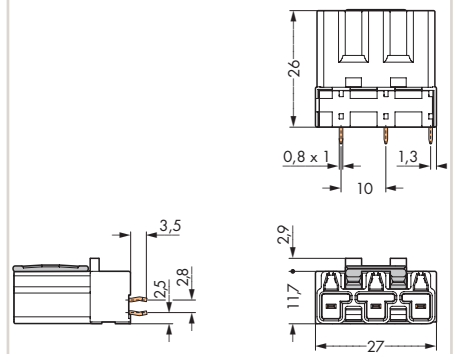
Dimensions (in mm):

Drilled hole diameter: $1.5^{+0.1}$ mm

Dimensions (in mm):



Dimensions (in mm):

**Socket, straight**

Color	Item No.	Pack. Unit
gray	770-843	100
light green	770-863	100
pink	770-883	100

Plug, straight

Color	Item No.	Pack. Unit
gray	770-853	100
light green	770-873	100
pink	770-893	100

Additional pole marking available upon request.

 770 Series Accessories,
see page 343

 Approvals,
see www.wago.com

 Coding Overview,
see page 362

Coding

B

B

B

Marking

1 2 3

1 2 3

1 2 3

Color

gray

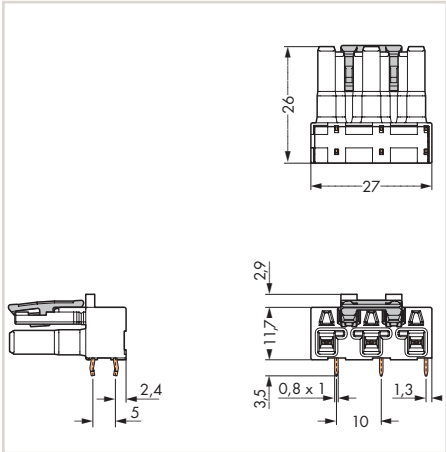
light green

pink

Rated voltage	250 V
Rated current	25 A



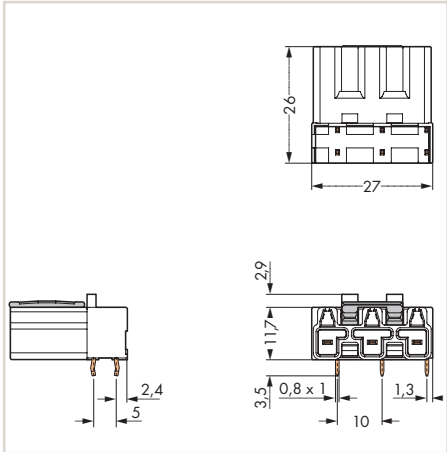
Dimensions (in mm):



Socket, straight

Color	Item No.	Pack. Unit
gray	770-843/011-000	100
light green	770-863/011-000	100
pink	770-883/011-000	100

Dimensions (in mm):



Plug, straight

Color	Item No.	Pack. Unit
gray	770-853/011-000	100
light green	770-873/011-000	100
pink	770-893/011-000	100

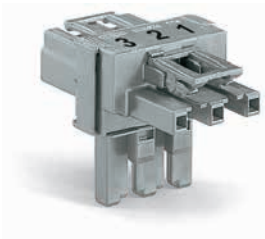
Coding	Marking	Color
B	1 2 3	gray
B	1 2 3	light green
B	1 2 3	pink

WINSTA® MIDI special

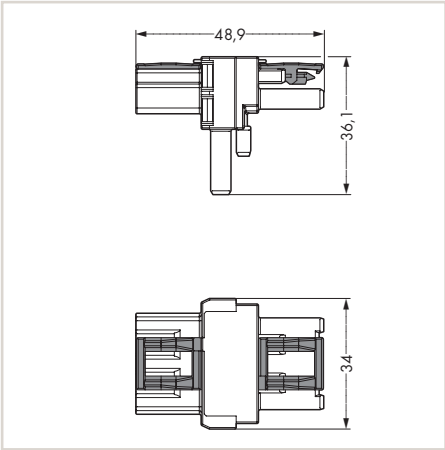
T-Distribution Connectors, 3-Pole

770 Series

Rated voltage	250 V
Rated current	25 A



Dimensions (in mm):



T-distribution connector, 1 x plug/2 x socket		
Color	Item No.	Pack. Unit
 gray	770-967	50
 light green	770-1612	50
 pink	770-1613	50

T-distribution connector, 1 x plug/2 x socket, for "flying leads," with 3rd locking lever		
Color	Item No.	Pack. Unit
 gray	770-970	50
 light green	770-1712	50
 pink	770-1713	50

Additional pole marking available upon request.

 770 Series Accessories, see page 343
 Approvals, see www.wago.com
 Coding Overview, see page 362

Coding	Marking	Color
B	1 2 3	 gray
B	1 2 3	 light green
B	1 2 3	 pink

WINSTA® MIDI special

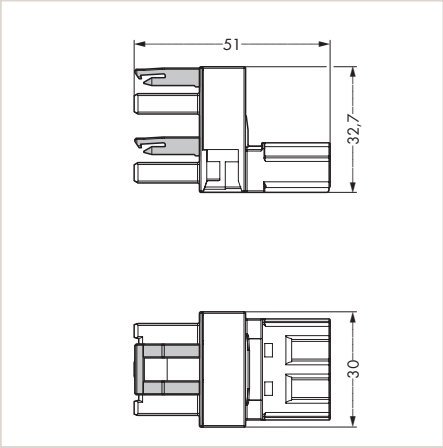
Distribution Connectors, 3-Pole

770 Series

Rated voltage	250 V
Rated current	25 A

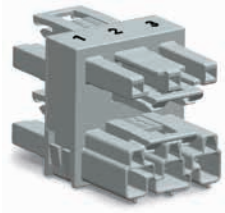


Dimensions (in mm):

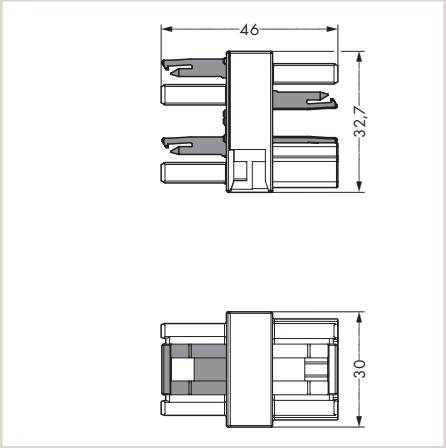


h-distribution connector, unidirectional, plug/socket – socket		
Color	Item No.	Pack. Unit
gray	770-1661	50
light green	770-1662	50
pink	770-1663	50

h-distribution connector, unidirectional, plug/socket – socket, for “flying leads,” with 3rd locking lever		
Color	Item No.	Pack. Unit
gray	770-1761	50
light green	770-1762	50
pink	770-1763	50



Dimensions (in mm):



Distribution connector, 3-way, 1 x plug/3 x socket		
Color	Item No.	Pack. Unit
gray	770-1714	50
light green	770-1715	50
pink	770-1716	50

Coding	Marking	Color
B	1 2 3	gray
B	1 2 3	light green
B	1 2 3	pink

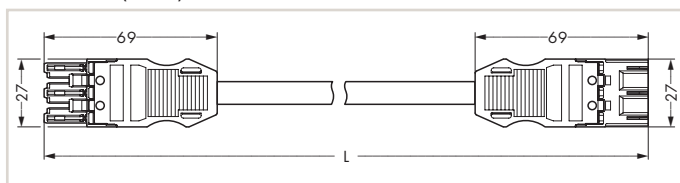
WINSTA® MIDI special

Cable Assemblies, 3 x 1 mm², PVC

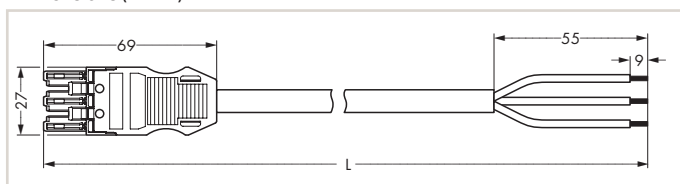
771 Series



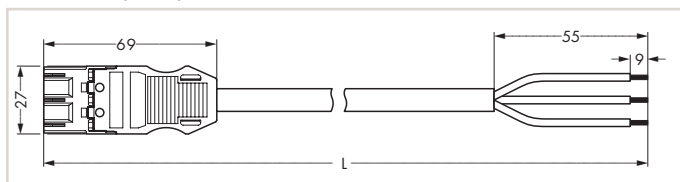
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	771-9993/005-103	771-9993/005-105	771-9993/005-107	1
2 m	771-9993/005-203	771-9993/005-205	771-9993/005-207	1
3 m	771-9993/005-303	771-9993/005-305	771-9993/005-307	1
4 m	771-9993/005-403	771-9993/005-405	771-9993/005-407	1
5 m	771-9993/005-503	771-9993/005-505	771-9993/005-507	1
6 m	771-9993/005-603	771-9993/005-605	771-9993/005-607	1
7 m	771-9993/005-703	771-9993/005-705	771-9993/005-707	1
8 m	771-9993/005-803	771-9993/005-805	771-9993/005-807	1

Connecting cable,
socket – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	771-9993/105-103	771-9993/105-105	771-9993/105-107	1
2 m	771-9993/105-203	771-9993/105-205	771-9993/105-207	1
3 m	771-9993/105-303	771-9993/105-305	771-9993/105-307	1
4 m	771-9993/105-403	771-9993/105-405	771-9993/105-407	1
5 m	771-9993/105-503	771-9993/105-505	771-9993/105-507	1
6 m	771-9993/105-603	771-9993/105-605	771-9993/105-607	1
7 m	771-9993/105-703	771-9993/105-705	771-9993/105-707	1
8 m	771-9993/105-803	771-9993/105-805	771-9993/105-807	1

Connecting cable,
plug – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	771-9993/205-103	771-9993/205-105	771-9993/205-107	1
2 m	771-9993/205-203	771-9993/205-205	771-9993/205-207	1
3 m	771-9993/205-303	771-9993/205-305	771-9993/205-307	1
4 m	771-9993/205-403	771-9993/205-405	771-9993/205-407	1
5 m	771-9993/205-503	771-9993/205-505	771-9993/205-507	1
6 m	771-9993/205-603	771-9993/205-605	771-9993/205-607	1
7 m	771-9993/205-703	771-9993/205-705	771-9993/205-707	1
8 m	771-9993/205-803	771-9993/205-805	771-9993/205-807	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

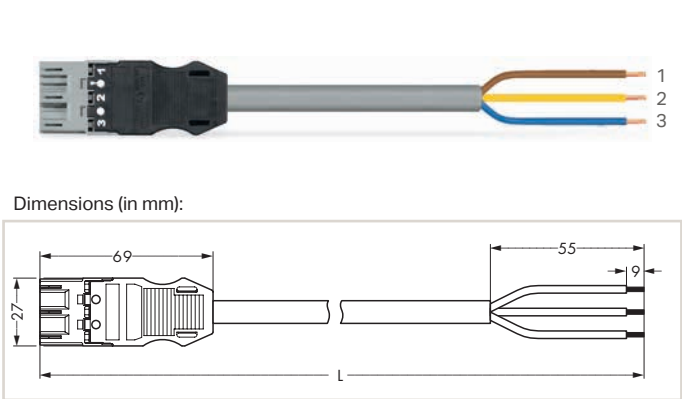
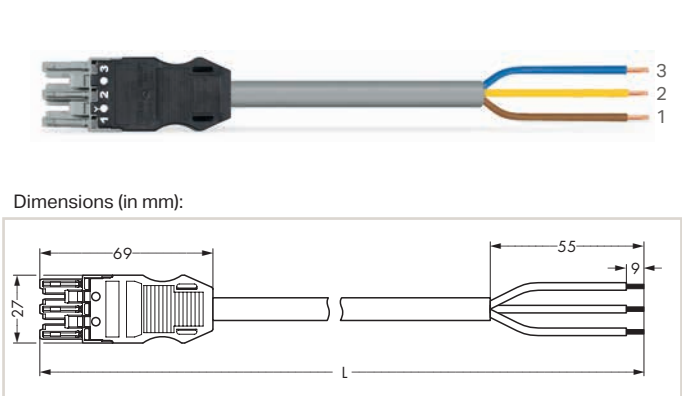
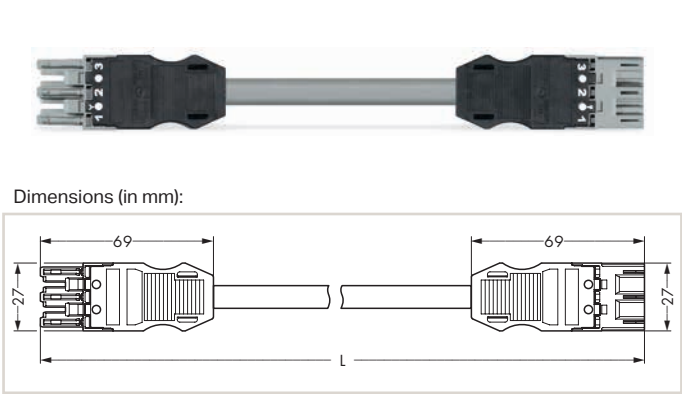
Codings,
see page 362

Coding	Marking	Color
B	1 2 3	gray
B	1 2 3	light green
B	1 2 3	pink

WINSTA® MINI special

Cable Assemblies, 3 x 1.5 mm², PVC

771 Series



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-9993/006-103	771-9993/006-105	771-9993/006-107	1
2 m	771-9993/006-203	771-9993/006-205	771-9993/006-207	1
3 m	771-9993/006-303	771-9993/006-305	771-9993/006-307	1
4 m	771-9993/006-403	771-9993/006-405	771-9993/006-407	1
5 m	771-9993/006-503	771-9993/006-505	771-9993/006-507	1
6 m	771-9993/006-603	771-9993/006-605	771-9993/006-607	1
7 m	771-9993/006-703	771-9993/006-705	771-9993/006-707	1
8 m	771-9993/006-803	771-9993/006-805	771-9993/006-807	1

Connecting cable, socket – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-9993/106-103	771-9993/106-105	771-9993/106-107	1
2 m	771-9993/106-203	771-9993/106-205	771-9993/106-207	1
3 m	771-9993/106-303	771-9993/106-305	771-9993/106-307	1
4 m	771-9993/106-403	771-9993/106-405	771-9993/106-407	1
5 m	771-9993/106-503	771-9993/106-505	771-9993/106-507	1
6 m	771-9993/106-603	771-9993/106-605	771-9993/106-607	1
7 m	771-9993/106-703	771-9993/106-705	771-9993/106-707	1
8 m	771-9993/106-803	771-9993/106-805	771-9993/106-807	1

Connecting cable, plug – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-9993/206-103	771-9993/206-105	771-9993/206-107	1
2 m	771-9993/206-203	771-9993/206-205	771-9993/206-207	1
3 m	771-9993/206-303	771-9993/206-305	771-9993/206-307	1
4 m	771-9993/206-403	771-9993/206-405	771-9993/206-407	1
5 m	771-9993/206-503	771-9993/206-505	771-9993/206-507	1
6 m	771-9993/206-603	771-9993/206-605	771-9993/206-607	1
7 m	771-9993/206-703	771-9993/206-705	771-9993/206-707	1
8 m	771-9993/206-803	771-9993/206-805	771-9993/206-807	1

Coding	Marking	Color
B	1 2 3	gray
B	1 2 3	light green
B	1 2 3	pink

WINSTA® MIDI special

Sockets and Plugs, 4-Pole 770 Series



Snap on locking lever – observe direction (picture shows 3-pole plug).

Conductor range

Rated voltage

Rated current

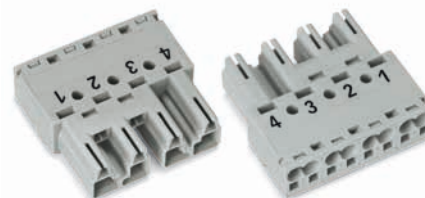
Strip length

0.5 ... 4 mm² / 20 ... 12 AWG

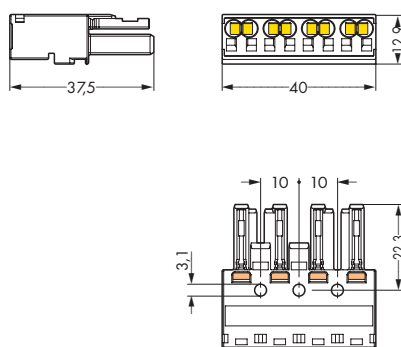
400 V

25 A (see page 206)

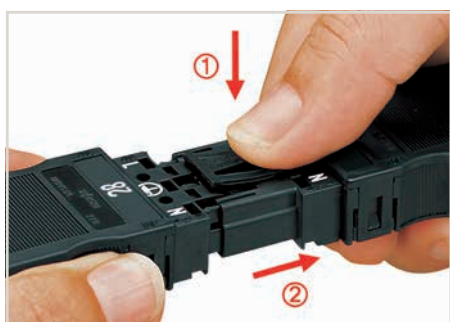
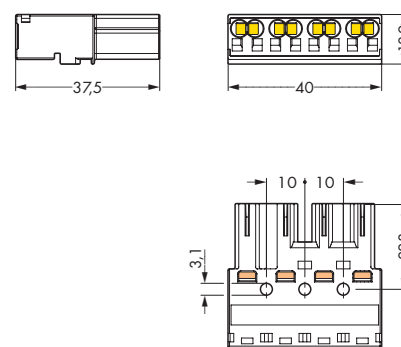
9 mm / 0.35 inch



Dimensions (in mm):

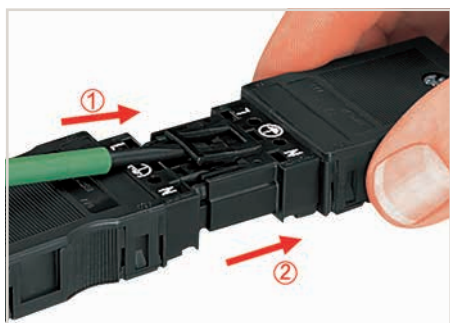


Dimensions (in mm):



Locking lever, manually operated (picture shows 3-pole connectors):

- Push on locking lever.
- Pull apart the connectors.



Locking lever, tool operated (picture shows 3-pole connectors):

- Unlatch locking lever.
- Pull apart the connectors.

Socket, without strain relief housing

Color	Item No.	Pack. Unit
gray	770-244	50
gray	770-244/060-000	50
gray	770-244/062-000	50
gray	770-244/064-000	50
light green	770-264	50
light green	770-264/071-000	50
light green	770-264/072-000	50
light green	770-264/073-000	50
pink	770-284	50
pink	770-284/081-000	50

Plug, without strain relief housing

Color	Item No.	Pack. Unit
gray	770-254	50
gray	770-254/060-000	50
gray	770-254/062-000	50
gray	770-254/064-000	50
light green	770-274	50
light green	770-274/071-000	50
light green	770-274/072-000	50
light green	770-274/073-000	50
pink	770-294	50
pink	770-294/081-000	50

Additional pole marking available upon request.

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/socket).

770 Series Accessories, see page 343

Approvals, see www.wago.com

Coding Overview, see page 362

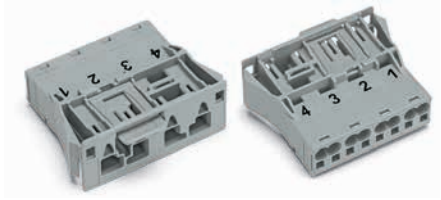
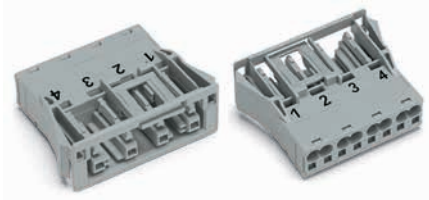
Coding	Marking	Suffix No.	Color
B	1 2 3 4		gray
B	N ⊕ 2L 1L	/060-000	gray
B	3 PE 2 1	/062-000	gray
B	2L ⊕ 1L L	/064-000	gray
B	1 2 3 4		light green
B	U- S U+ X/Y	/071-000	light green
B	U- U+ DI AI	/072-000	light green
B	1 ⊕ 2 3	/073-000	light green
B	1 2 3 4		pink
B	1 2 5 3	/081-000	pink

WINSTA® MIDI special

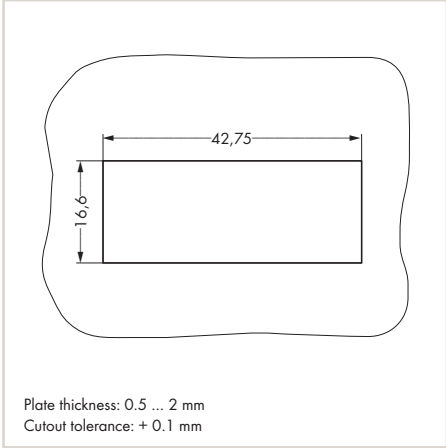
Snap-In Sockets and Plugs, 4-Pole

770 Series

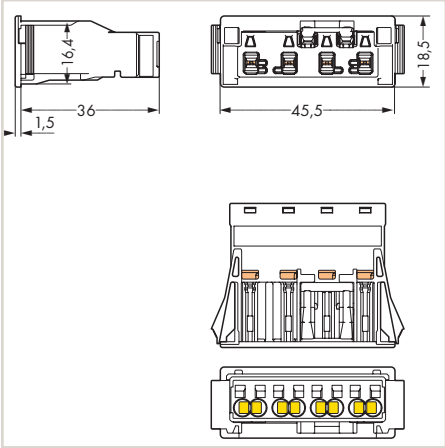
Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	400 V
Rated current	25 A (see page 206)
Strip length	9 mm / 0.35 inch



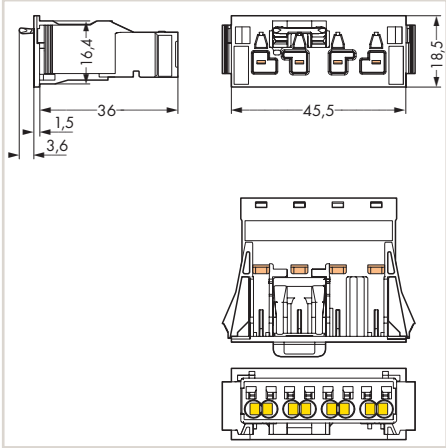
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket		
Color	Item No.	Pack. Unit
gray	770-744	50
gray	770-744/060-000	50
gray	770-744/062-000	50
gray	770-744/064-000	50
light green	770-764	50
light green	770-764/071-000	50
light green	770-764/072-000	50
light green	770-764/073-000	50
pink	770-784	50
pink	770-784/081-000	50

Plug		
Color	Item No.	Pack. Unit
gray	770-754	50
gray	770-754/060-000	50
gray	770-754/062-000	50
gray	770-754/064-000	50
light green	770-774	50
light green	770-774/071-000	50
light green	770-774/072-000	50
light green	770-774/073-000	50
pink	770-794	50
pink	770-794/081-000	50

Coding	Marking	Suffix No.	Color
B	1 2 3 4		gray
B	N ⊕ 2L 1L	/060-000	gray
B	3 PE 2 1	/062-000	gray
B	2L ⊕ 1L L	/064-000	gray
B	1 2 3 4		light green
B	U- S U+ X/Y	/071-000	light green
B	U- U+ DI AI	/072-000	light green
B	1 ⊕ 2 3	/073-000	light green
B	1 2 3 4		pink
B	1 2 5 3	/081-000	pink

WINSTA® MIDI special

Pluggable PCB Connectors, 4-Pole

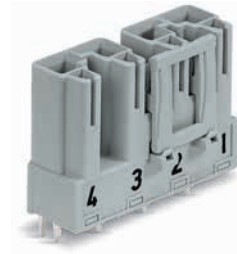
770 Series

Rated voltage

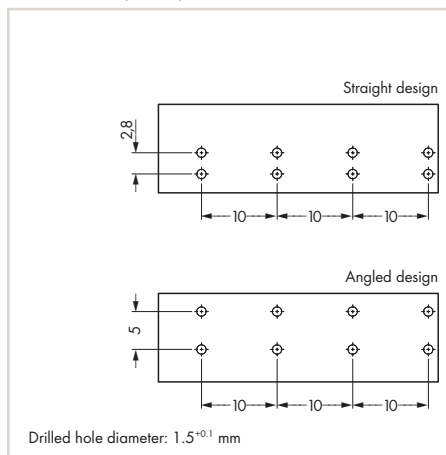
400 V

Rated current

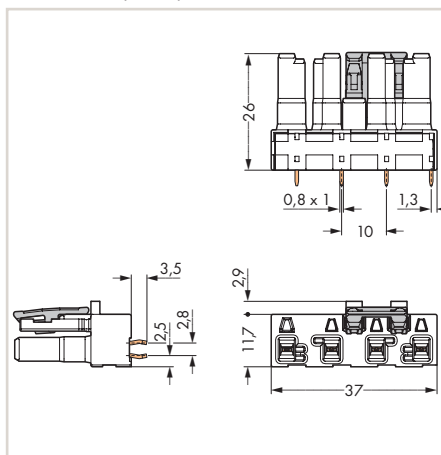
25 A (see page 206)



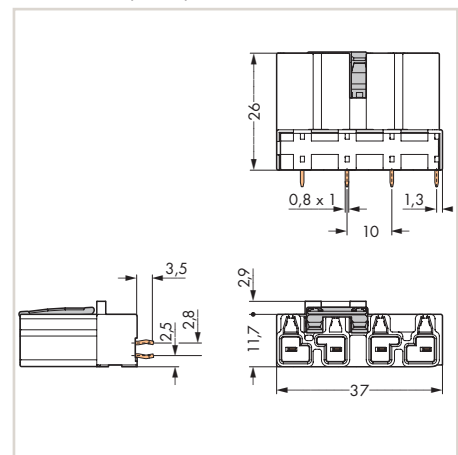
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):

**Socket, straight**

Color	Item No.	Pack. Unit
gray	770-844	100
light green	770-864	100
pink	770-884	100

Plug, straight

Color	Item No.	Pack. Unit
gray	770-854	100
light green	770-874	100
pink	770-894	100

Additional pole marking available upon request.

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

Coding Overview,
see page 362

Coding

B

B

B

Marking

1 2 3 4

1 2 3 4

1 2 3 4

Color

gray

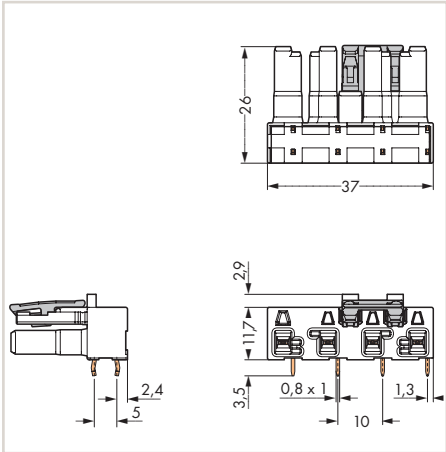
light green

pink

Rated voltage	400 V
Rated current	25 A (see page 206)

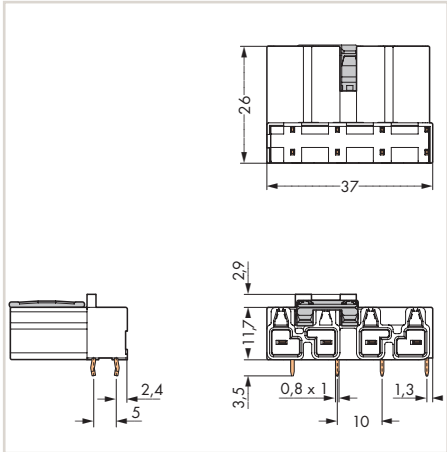


Dimensions (in mm):



Socket, straight		
Color	Item No.	Pack. Unit
gray	770-844/011-000	100
light green	770-864/011-000	100
pink	770-884/011-000	100

Dimensions (in mm):



Plug, straight		
Color	Item No.	Pack. Unit
gray	770-854/011-000	100
light green	770-874/011-000	100
pink	770-894/011-000	100

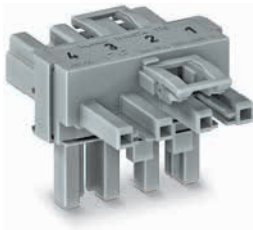
Coding	Marking	Color
B	1 2 3 4	gray
B	1 2 3 4	light green
B	1 2 3 4	pink

WINSTA® MIDI special

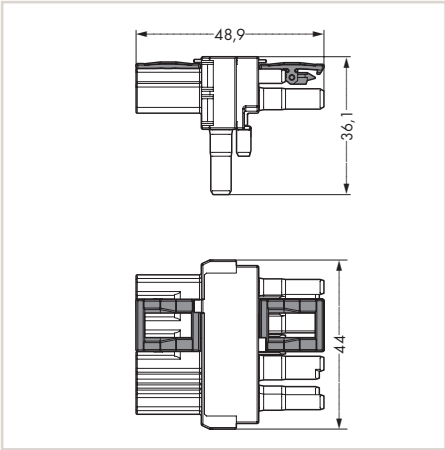
T-Distribution Connectors, 4-Pole

770 Series

Rated voltage	400 V
Rated current	25 A (see page 206)



Dimensions (in mm):



T-distribution connector, 1 x plug/2 x socket		
Color	Item No.	Pack. Unit
gray	770-1631	50
light green	770-1632	50
pink	770-1633	50

T-distribution connector, 1 x plug/2 x socket, for "flying leads," with 3rd locking lever		
Color	Item No.	Pack. Unit
gray	770-1731	50
light green	770-1732	50
pink	770-1733	50

Additional pole marking available upon request.

770 Series Accessories, see page 343
Approvals, see www.wago.com
Coding Overview, see page 362

Coding	Marking	Color
B	1 2 3 4	gray
B	1 2 3 4	light green
B	1 2 3 4	pink

WINSTA® MIDI special

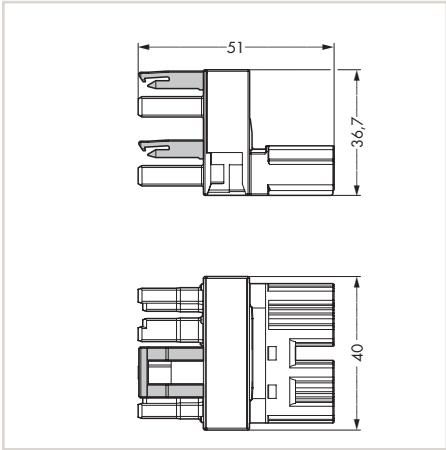
Distribution Connectors, 4-Pole

770 Series

Rated voltage	400 V
Rated current	25 A (see page 206)

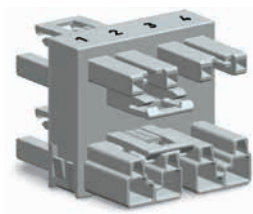


Dimensions (in mm):

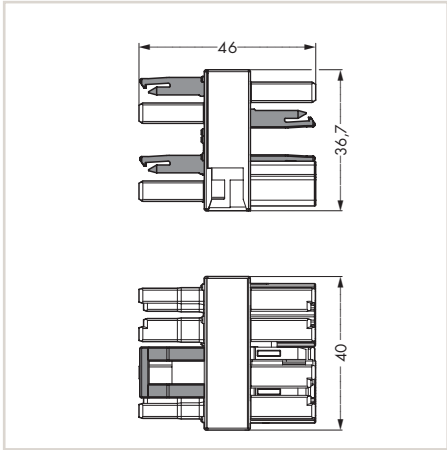


h-distribution connector, unidirectional, plug/socket – socket		
Color	Item No.	Pack. Unit
gray	770-1681	50
light green	770-1682	50
pink	770-1683	50

h-distribution connector, unidirectional, plug/socket – socket, for “flying leads,” with 3rd locking lever		
Color	Item No.	Pack. Unit
gray	770-1781	50
light green	770-1782	50
pink	770-1783	50



Dimensions (in mm):



Distribution connector, 3-way, 1 x plug/3 x socket		
Color	Item No.	Pack. Unit
gray	770-1734	50
light green	770-1735	50
pink	770-1736	50

Coding	Marking	Color
B	1 2 3 4	gray
B	1 2 3 4	light green
B	1 2 3 4	pink

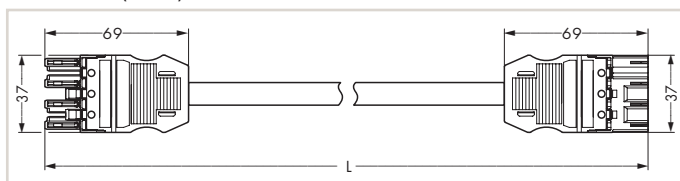
WINSTA® MIDI special

Cable Assemblies, 4 x 1 mm², PVC

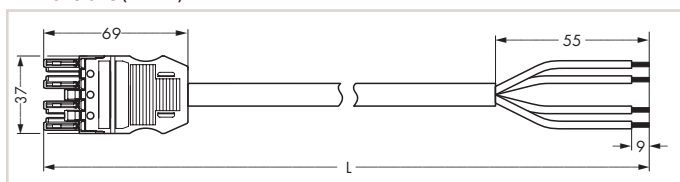
771 Series



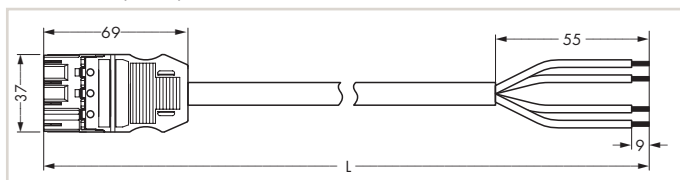
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	400 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	771-9994/005-103	771-9994/005-105	771-9994/005-107	1
2 m	771-9994/005-203	771-9994/005-205	771-9994/005-207	1
3 m	771-9994/005-303	771-9994/005-305	771-9994/005-307	1
4 m	771-9994/005-403	771-9994/005-405	771-9994/005-407	1
5 m	771-9994/005-503	771-9994/005-505	771-9994/005-507	1
6 m	771-9994/005-603	771-9994/005-605	771-9994/005-607	1
7 m	771-9994/005-703	771-9994/005-705	771-9994/005-707	1
8 m	771-9994/005-803	771-9994/005-805	771-9994/005-807	1

Connecting cable,
socket – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	771-9994/105-103	771-9994/105-105	771-9994/105-107	1
2 m	771-9994/105-203	771-9994/105-205	771-9994/105-207	1
3 m	771-9994/105-303	771-9994/105-305	771-9994/105-307	1
4 m	771-9994/105-403	771-9994/105-405	771-9994/105-407	1
5 m	771-9994/105-503	771-9994/105-505	771-9994/105-507	1
6 m	771-9994/105-603	771-9994/105-605	771-9994/105-607	1
7 m	771-9994/105-703	771-9994/105-705	771-9994/105-707	1
8 m	771-9994/105-803	771-9994/105-805	771-9994/105-807	1

Connecting cable,
plug – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	771-9994/205-103	771-9994/205-105	771-9994/205-107	1
2 m	771-9994/205-203	771-9994/205-205	771-9994/205-207	1
3 m	771-9994/205-303	771-9994/205-305	771-9994/205-307	1
4 m	771-9994/205-403	771-9994/205-405	771-9994/205-407	1
5 m	771-9994/205-503	771-9994/205-505	771-9994/205-507	1
6 m	771-9994/205-603	771-9994/205-605	771-9994/205-607	1
7 m	771-9994/205-703	771-9994/205-705	771-9994/205-707	1
8 m	771-9994/205-803	771-9994/205-805	771-9994/205-807	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

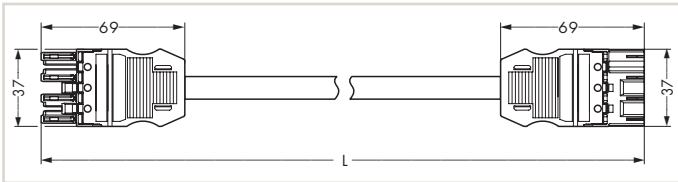
Codings,
see page 362

Coding	Marking	Color
B	1 2 3 4	gray
B	1 2 3 4	light green
B	1 2 3 4	pink

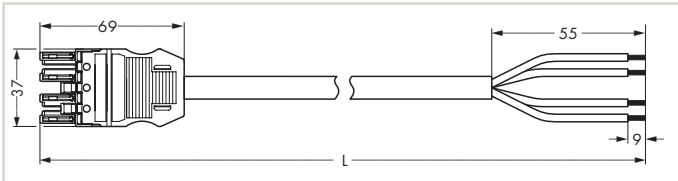
WINSTA® MINI special
Cable Assemblies, 4 x 1.5 mm², PVC
771 Series



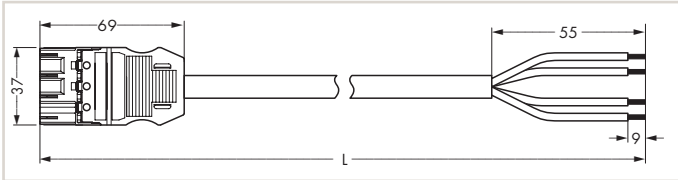
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-9994/006-103	771-9994/006-105	771-9994/006-107	1
2 m	771-9994/006-203	771-9994/006-205	771-9994/006-207	1
3 m	771-9994/006-303	771-9994/006-305	771-9994/006-307	1
4 m	771-9994/006-403	771-9994/006-405	771-9994/006-407	1
5 m	771-9994/006-503	771-9994/006-505	771-9994/006-507	1
6 m	771-9994/006-603	771-9994/006-605	771-9994/006-607	1
7 m	771-9994/006-703	771-9994/006-705	771-9994/006-707	1
8 m	771-9994/006-803	771-9994/006-805	771-9994/006-807	1

Connecting cable, socket – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-9994/106-103	771-9994/106-105	771-9994/106-107	1
2 m	771-9994/106-203	771-9994/106-205	771-9994/106-207	1
3 m	771-9994/106-303	771-9994/106-305	771-9994/106-307	1
4 m	771-9994/106-403	771-9994/106-405	771-9994/106-407	1
5 m	771-9994/106-503	771-9994/106-505	771-9994/106-507	1
6 m	771-9994/106-603	771-9994/106-605	771-9994/106-607	1
7 m	771-9994/106-703	771-9994/106-705	771-9994/106-707	1
8 m	771-9994/106-803	771-9994/106-805	771-9994/106-807	1

Connecting cable, plug – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-9994/206-103	771-9994/206-105	771-9994/206-107	1
2 m	771-9994/206-203	771-9994/206-205	771-9994/206-207	1
3 m	771-9994/206-303	771-9994/206-305	771-9994/206-307	1
4 m	771-9994/206-403	771-9994/206-405	771-9994/206-407	1
5 m	771-9994/206-503	771-9994/206-505	771-9994/206-507	1
6 m	771-9994/206-603	771-9994/206-605	771-9994/206-607	1
7 m	771-9994/206-703	771-9994/206-705	771-9994/206-707	1
8 m	771-9994/206-803	771-9994/206-805	771-9994/206-807	1

Coding	Marking	Color
B	1 2 3 4	gray
B	1 2 3 4	light green
B	1 2 3 4	pink

WINSTA® MIDI special

Sockets and Plugs, 5-Pole 770 Series



Snap on locking lever – observe direction (picture shows 3-pole plug).

Conductor range

Rated voltage

Rated current

Strip length

0.5 ... 4 mm² / 20 ... 12 AWG

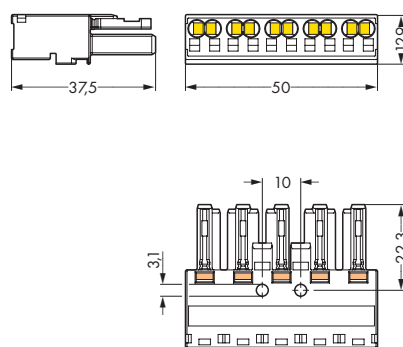
400 V

25 A (see page 206)

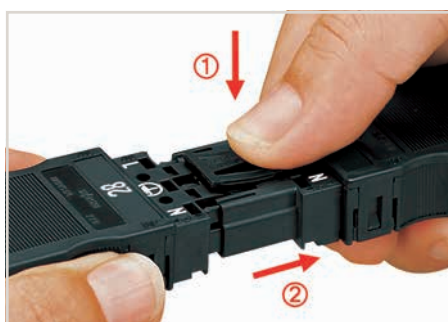
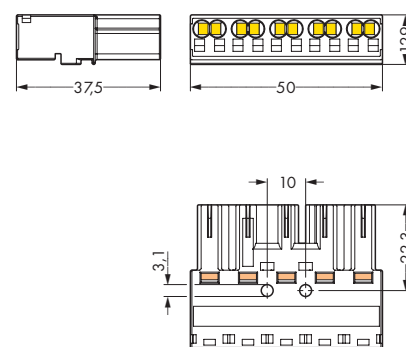
9 mm / 0.35 inch



Dimensions (in mm):

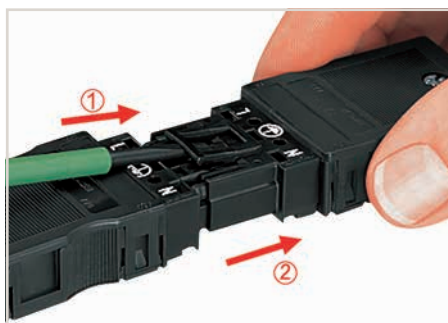


Dimensions (in mm):



Locking lever, manually operated (picture shows 3-pole connectors):

- Push on locking lever.
- Pull apart the connectors.



Locking lever, tool operated (picture shows 3-pole connectors):

- Unlatch locking lever.
- Pull apart the connectors.

Socket, without strain relief housing

Color	Item No.	Pack. Unit
gray	770-245	50
gray	770-245/060-000	50
gray	770-245/062-000	50
gray	770-245/064-000	50
light green	770-265	50
light green	770-265/073-000	50
pink	770-285	50
pink	770-285/080-000	50
pink	770-285/082-000	50

Plug, without strain relief housing

Color	Item No.	Pack. Unit
gray	770-255	50
gray	770-255/060-000	50
gray	770-255/062-000	50
gray	770-255/064-000	50
light green	770-275	50
light green	770-275/073-000	50
pink	770-295	50
pink	770-295/080-000	50
pink	770-295/082-000	50

Additional pole marking available upon request.

Note:

All connectors for fixed installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for "flying leads" (plug/ socket).

770 Series Accessories, see page 343

Approvals, see www.wago.com

Coding Overview, see page 362

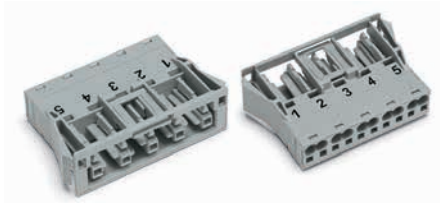
Coding	Marking	Suffix No.	Color
B	1 2 3 4 5		gray
B	N ⊕ L1 L2 L3	/060-000	gray
B	N PE 3 2 1	/062-000	gray
B	N ⊕ L 2L 1L	/064-000	gray
B	1 2 3 4 5		light green
B	1 ⊕ 2 3 4	/073-000	light green
B	1 2 3 4 5		pink
B	N ⊕ L I- I+	/080-000	pink
B	N ⊕ L - +	/082-000	pink

WINSTA® MIDI special

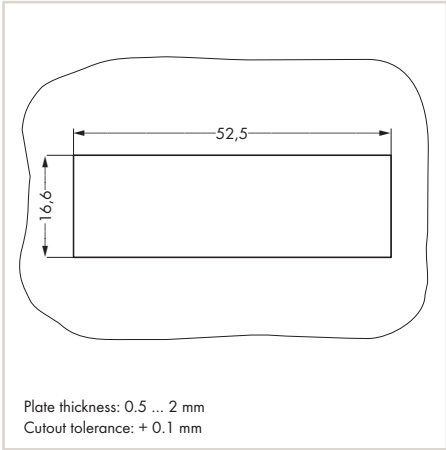
Snap-In Sockets and Plugs, 5-Pole

770 Series

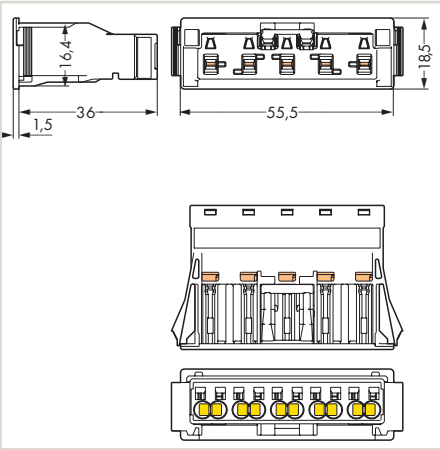
Conductor range	0.5 ... 4 mm² / 20 ... 12 AWG
Rated voltage	400 V
Rated current	25 A (see page 206)
Strip length	9 mm / 0.35 inch



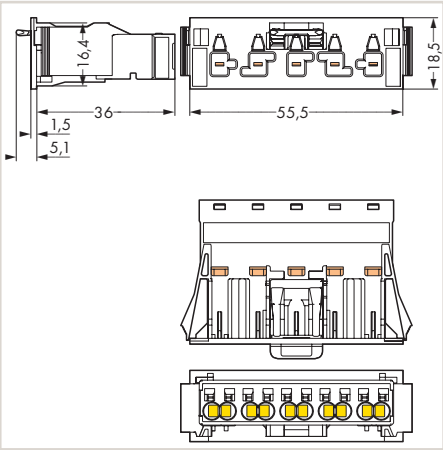
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket		
Color	Item No.	Pack. Unit
gray	770-745	50
gray	770-745/060-000	50
gray	770-745/062-000	50
gray	770-745/064-000	50
light green	770-765	50
light green	770-765/073-000	50
pink	770-785	50
pink	770-785/080-000	50
pink	770-785/082-000	50

Plug		
Color	Item No.	Pack. Unit
gray	770-755	50
gray	770-755/060-000	50
gray	770-755/062-000	50
gray	770-755/064-000	50
light green	770-775	50
light green	770-775/073-000	50
pink	770-795	50
pink	770-795/080-000	50
pink	770-795/082-000	50

Coding	Marking	Suffix No.	Color
B	1 2 3 4 5		gray
B	N ⊕ L1 L2 L3	/060-000	gray
B	N PE 3 2 1	/062-000	gray
B	N ⊕ L 2L 1L	/064-000	gray
B	1 2 3 4 5		light green
B	1 ⊕ 2 3 4	/073-000	light green
B	1 2 3 4 5		pink
B	N ⊕ L I- I+	/080-000	pink
B	N ⊕ L - +	/082-000	pink

WINSTA® MIDI special

Pluggable PCB Connectors, 5-Pole

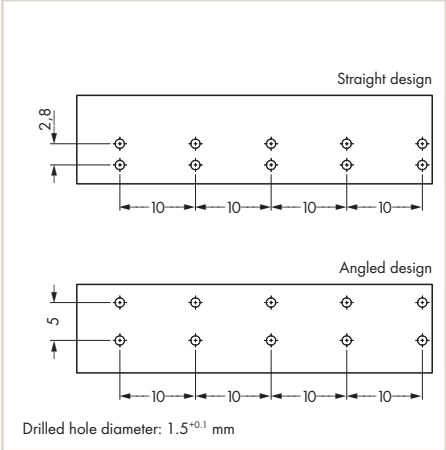
770 Series

Rated voltage	400 V
Rated current	25 A (see page 206)

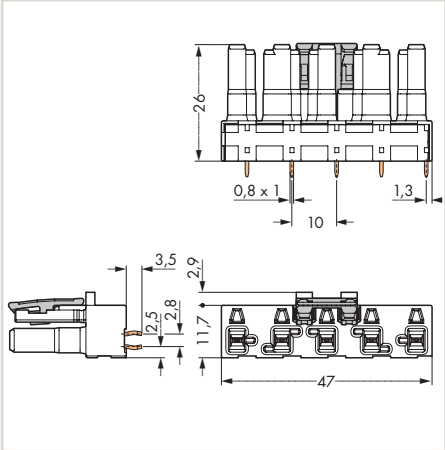


4

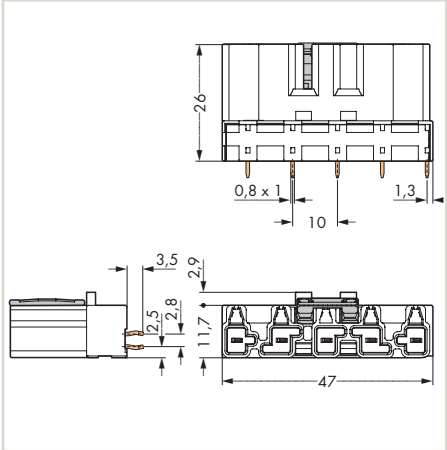
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket, straight		
Color	Item No.	Pack. Unit
gray	770-845	100
light green	770-865	100
pink	770-885	100

Plug, straight		
Color	Item No.	Pack. Unit
gray	770-855	100
light green	770-875	100
pink	770-895	100

Additional pole marking available upon request.

770 Series Accessories,
see page 343

Approvals,
see www.wago.com

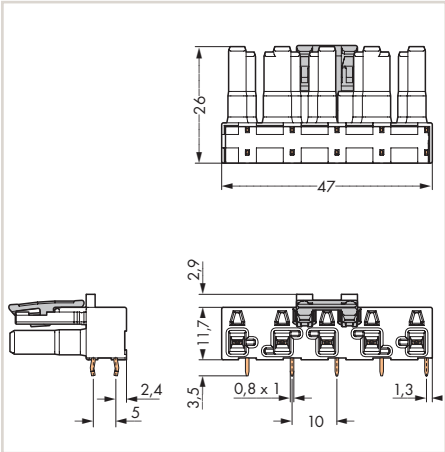
Coding Overview,
see page 362

Coding	Marking	Color
B	1 2 3 4 5	gray
B	1 2 3 4 5	light green
B	1 2 3 4 5	pink

Rated voltage	400 V
Rated current	25 A (see page 206)

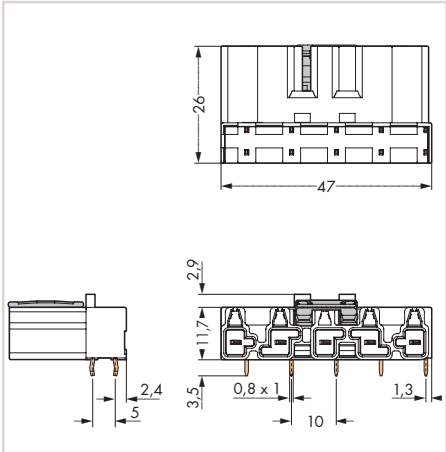


Dimensions (in mm):



Socket, straight		
Color	Item No.	Pack. Unit
gray	770-845/011-000	100
light green	770-865/011-000	100
pink	770-885/011-000	100

Dimensions (in mm):



Plug, straight		
Color	Item No.	Pack. Unit
gray	770-855/011-000	100
light green	770-875/011-000	100
pink	770-895/011-000	100

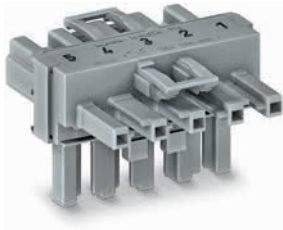
Coding	Marking	Color
B	1 2 3 4 5	gray
B	1 2 3 4 5	light green
B	1 2 3 4 5	pink

WINSTA® MIDI special

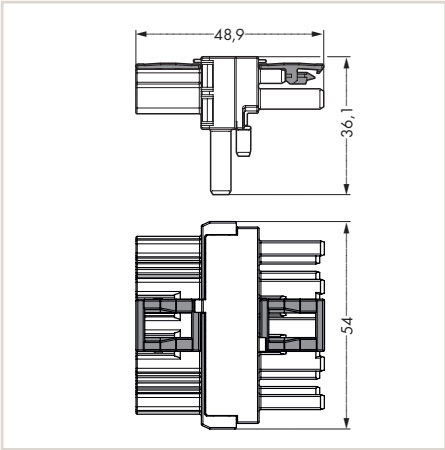
T-Distribution Connectors, 5-Pole

770 Series

Rated voltage	400 V
Rated current	25 A (see page 206)



Dimensions (in mm):



T-distribution connector, 1 x plug/2 x socket		
Color	Item No.	Pack. Unit
gray	770-1641	50
light green	770-1642	50
pink	770-1643	50

T-distribution connector, 1 x plug/2 x socket, for "flying leads," with 3rd locking lever		
Color	Item No.	Pack. Unit
gray	770-1741	50
light green	770-1742	50
pink	770-1743	50

Additional pole marking available upon request.

770 Series Accessories, see page 343
Approvals, see www.wago.com
Coding Overview, see page 362

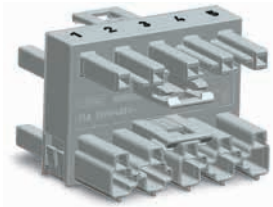
Coding	Marking	Color
B	1 2 3 4 5	gray
B	1 2 3 4 5	light green
B	1 2 3 4 5	pink

WINSTA® MIDI special

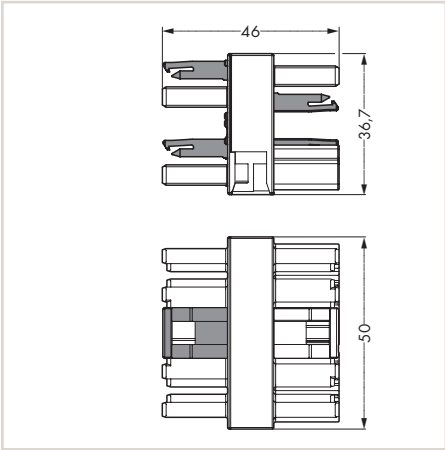
Distribution Connectors, 5-Pole

770 Series

Rated voltage	400 V
Rated current	25 A (see page 206)



Dimensions (in mm):



Distribution connector, 3-way,
1 x plug/3 x socket

Color	Item No.	Pack. Unit
gray	770-1744	25
light green	770-1745	25
pink	770-1746	25

Coding	Marking	Color
B	1 2 3 4 5	gray
B	1 2 3 4 5	light green
B	1 2 3 4 5	pink

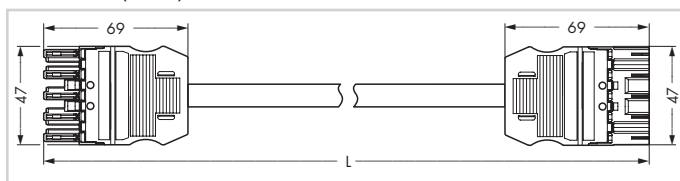
WINSTA® MIDI special

Cable Assemblies, 5 x 1 mm², PVC

771 Series



Dimensions (in mm):



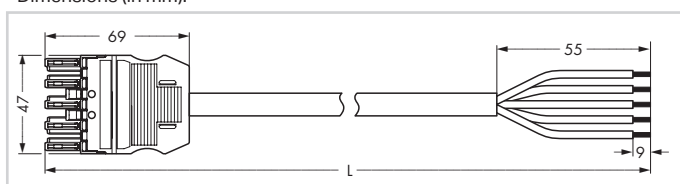
Rated voltage	400 V
Rated current	10 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	771-9995/005-103	771-9995/005-105	771-9995/005-107	1
2 m	771-9995/005-203	771-9995/005-205	771-9995/005-207	1
3 m	771-9995/005-303	771-9995/005-305	771-9995/005-307	1
4 m	771-9995/005-403	771-9995/005-405	771-9995/005-407	1
5 m	771-9995/005-503	771-9995/005-505	771-9995/005-507	1
6 m	771-9995/005-603	771-9995/005-605	771-9995/005-607	1
7 m	771-9995/005-703	771-9995/005-705	771-9995/005-707	1
8 m	771-9995/005-803	771-9995/005-805	771-9995/005-807	1



Dimensions (in mm):

Connecting cable,
socket – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	771-9995/105-103	771-9995/105-105	771-9995/105-107	1
2 m	771-9995/105-203	771-9995/105-205	771-9995/105-207	1
3 m	771-9995/105-303	771-9995/105-305	771-9995/105-307	1
4 m	771-9995/105-403	771-9995/105-405	771-9995/105-407	1
5 m	771-9995/105-503	771-9995/105-505	771-9995/105-507	1
6 m	771-9995/105-603	771-9995/105-605	771-9995/105-607	1
7 m	771-9995/105-703	771-9995/105-705	771-9995/105-707	1
8 m	771-9995/105-803	771-9995/105-805	771-9995/105-807	1



Dimensions (in mm):

Connecting cable,
plug – free end, PVC, B-coding

Length	gray	light green	pink	Pack. Unit
1 m	771-9995/205-103	771-9995/205-105	771-9995/205-107	1
2 m	771-9995/205-203	771-9995/205-205	771-9995/205-207	1
3 m	771-9995/205-303	771-9995/205-305	771-9995/205-307	1
4 m	771-9995/205-403	771-9995/205-405	771-9995/205-407	1
5 m	771-9995/205-503	771-9995/205-505	771-9995/205-507	1
6 m	771-9995/205-603	771-9995/205-605	771-9995/205-607	1
7 m	771-9995/205-703	771-9995/205-705	771-9995/205-707	1
8 m	771-9995/205-803	771-9995/205-805	771-9995/205-807	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories,
see page 343

Approvals,
see www.wago.com

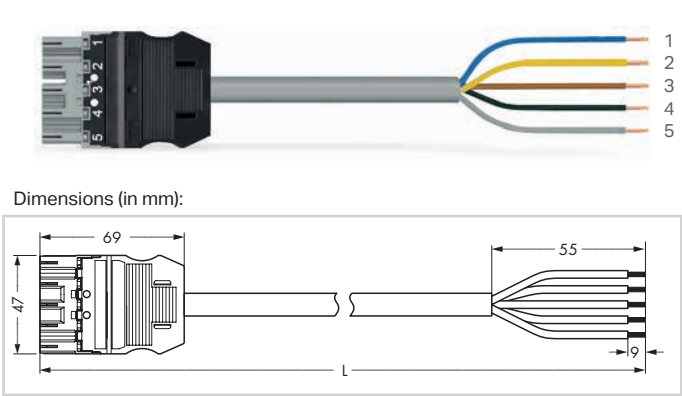
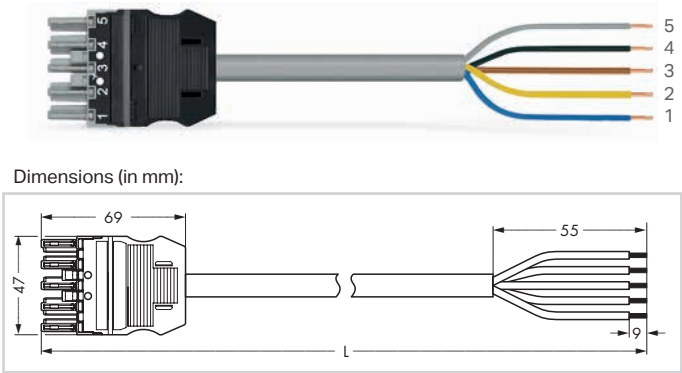
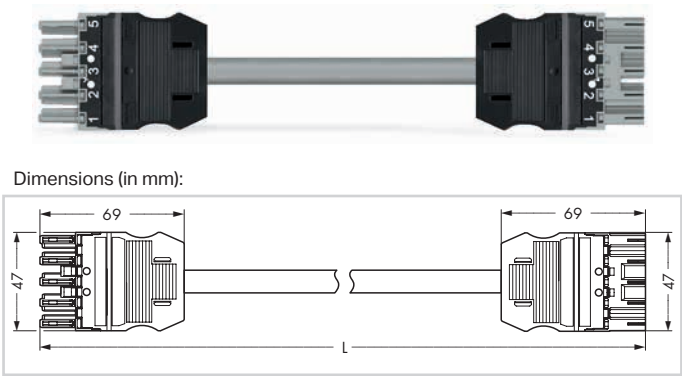
Codings,
see page 362

Coding	Marking	Color
B	1 2 3 4 5	gray
B	1 2 3 4 5	light green
B	1 2 3 4 5	pink

WINSTA® MINI special

Cable Assemblies, 5 x 1.5 mm², PVC

771 Series



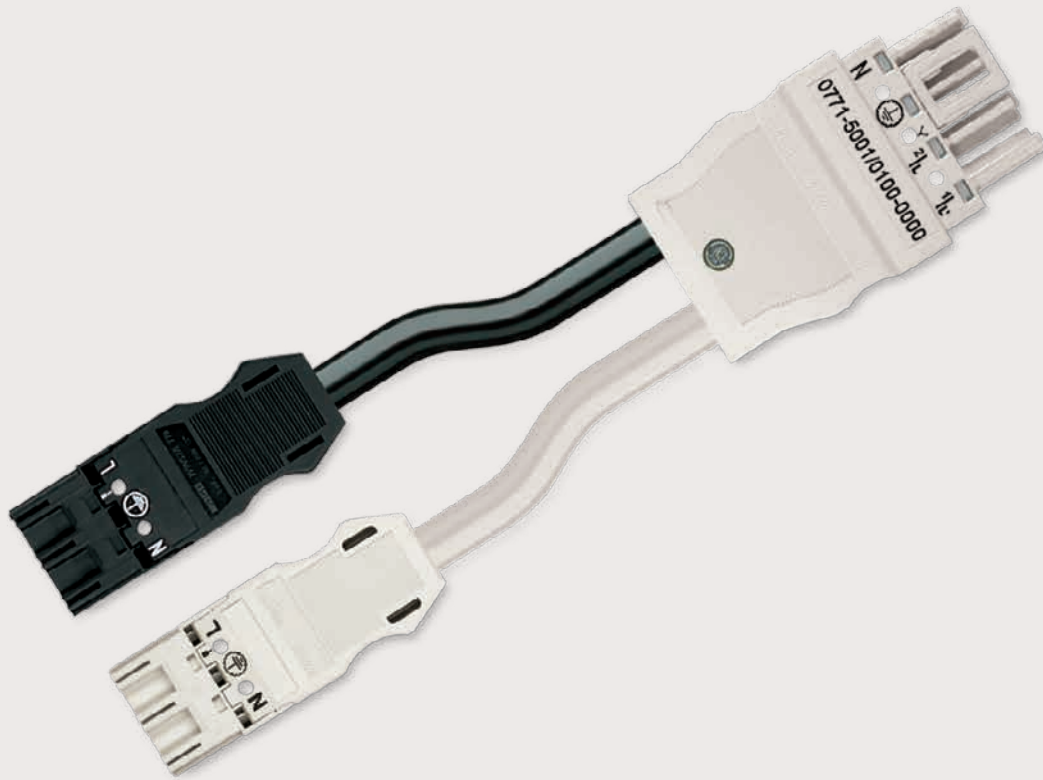
Rated voltage	400 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-9995/006-103	771-9995/006-105	771-9995/006-107	1
2 m	771-9995/006-203	771-9995/006-205	771-9995/006-207	1
3 m	771-9995/006-303	771-9995/006-305	771-9995/006-307	1
4 m	771-9995/006-403	771-9995/006-405	771-9995/006-407	1
5 m	771-9995/006-503	771-9995/006-505	771-9995/006-507	1
6 m	771-9995/006-603	771-9995/006-605	771-9995/006-607	1
7 m	771-9995/006-703	771-9995/006-705	771-9995/006-707	1
8 m	771-9995/006-803	771-9995/006-805	771-9995/006-807	1

Connecting cable, socket – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-9995/106-103	771-9995/106-105	771-9995/106-107	1
2 m	771-9995/106-203	771-9995/106-205	771-9995/106-207	1
3 m	771-9995/106-303	771-9995/106-305	771-9995/106-307	1
4 m	771-9995/106-403	771-9995/106-405	771-9995/106-407	1
5 m	771-9995/106-503	771-9995/106-505	771-9995/106-507	1
6 m	771-9995/106-603	771-9995/106-605	771-9995/106-607	1
7 m	771-9995/106-703	771-9995/106-705	771-9995/106-707	1
8 m	771-9995/106-803	771-9995/106-805	771-9995/106-807	1

Connecting cable, plug – free end, PVC, B-coding				
Length	gray	light green	pink	Pack. Unit
1 m	771-9995/206-103	771-9995/206-105	771-9995/206-107	1
2 m	771-9995/206-203	771-9995/206-205	771-9995/206-207	1
3 m	771-9995/206-303	771-9995/206-305	771-9995/206-307	1
4 m	771-9995/206-403	771-9995/206-405	771-9995/206-407	1
5 m	771-9995/206-503	771-9995/206-505	771-9995/206-507	1
6 m	771-9995/206-603	771-9995/206-605	771-9995/206-607	1
7 m	771-9995/206-703	771-9995/206-705	771-9995/206-707	1
8 m	771-9995/206-803	771-9995/206-805	771-9995/206-807	1

Coding	Marking	Color
B	1 2 3 4 5	gray
B	1 2 3 4 5	light green
B	1 2 3 4 5	pink



WINSTA® – Specialty Cable Assemblies

WINSTA® – Cable Assemblies for Specialty Applications

2.5 mm² / 20 A

771 Series

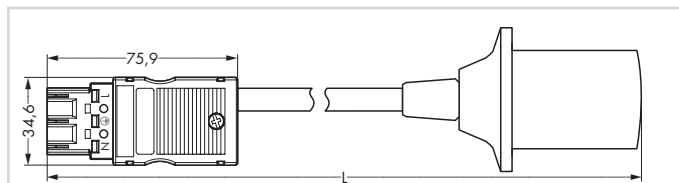
	Page
	771 Series Plug – Lamp Socket 242 Plug – Cold Equipment Socket 242 Socket – SCHUKO® Plug 243 Plug – SCHUKO® Socket 243
	771 Series Connecting Cable for Distribution Connectors 244 Y-Cable 245
	771 Series Adapter Cable for DALI 246
	771 Series Y-Cable for DALI 247

WINSTA® MIDI**Cable Assemblies, 2 x 0.75 mm² / 3 x 1 mm², PVC****771 Series**

Rated voltage	250 V
Rated current (0.75 mm ²) ①	4 A
Rated current (1 mm ²) ②	10 A



Dimensions (in mm):

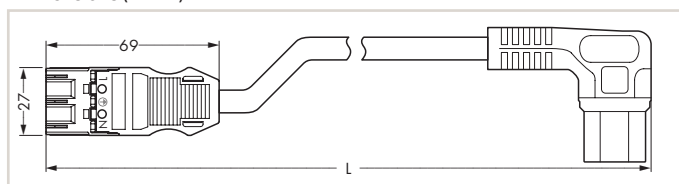


Cable ①, Plug – E 27 lamp socket, PVC, A-coding		
Length	● black	Pack. Unit
0.5 m	771-9993/1004-051	1

5



Dimensions (in mm):



Interconnecting cable ②, socket – cold equipment socket, angled, PVC, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9993/805-101	771-9993/805-102	1
2 m	771-9993/805-201	771-9993/805-202	1
3 m	771-9993/805-301	771-9993/805-302	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

 771 Series Accessories,
see page 343

 Approvals,
see www.wago.com

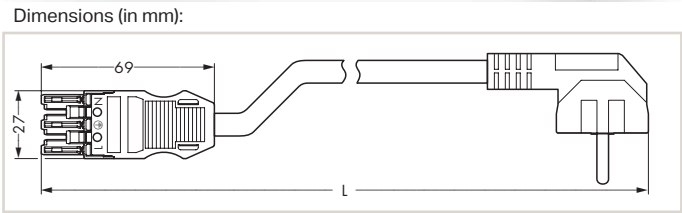
 Codings,
see page 360

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MIDI

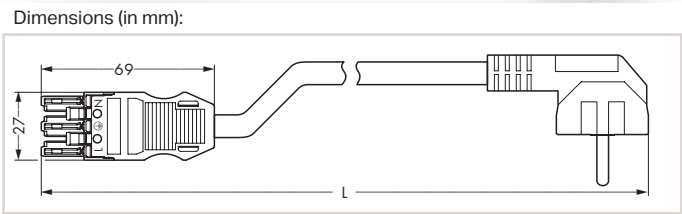
Cable Assemblies, 3 x 1.5 mm² / 3 x 2.5 mm², PVC

771 Series

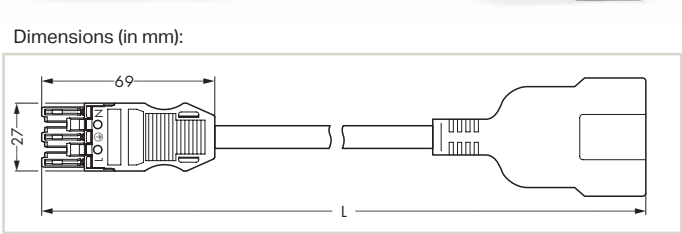


Rated voltage	250 V
Rated current (1.5 mm ²) ③	16 A
Rated current (2.5 mm ²) ④	20 A

Interconnecting cable ③, socket – SCHUKO® Plug, angled, PVC, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9993/306-101	771-9993/306-102	1
2 m	771-9993/306-201	771-9993/306-202	1
3 m	771-9993/306-301	771-9993/306-302	1



Interconnecting cable ④, socket – SCHUKO® Plug, angled, PVC, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9993/307-101	771-9993/307-102	1
2 m	771-9993/307-201	771-9993/307-202	1
3 m	771-9993/307-301	771-9993/307-302	1

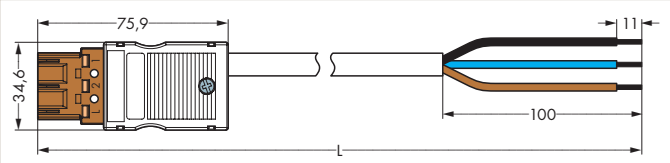


Interconnecting cable ③, plug – SCHUKO® Socket, angled, PVC, A-coding			
Length	● black	○ white	Pack. Unit
1 m	771-9993/406-101	771-9993/406-102	1
2 m	771-9993/406-201	771-9993/406-202	1
3 m	771-9993/406-301	771-9993/406-302	1

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® MIDI**Cable Assemblies, 3 x 1.5 mm², for 770-637 Distribution Connectors****771 Series**

Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	11 mm / 0.43 inch
Conductor preparation	tip-bonded

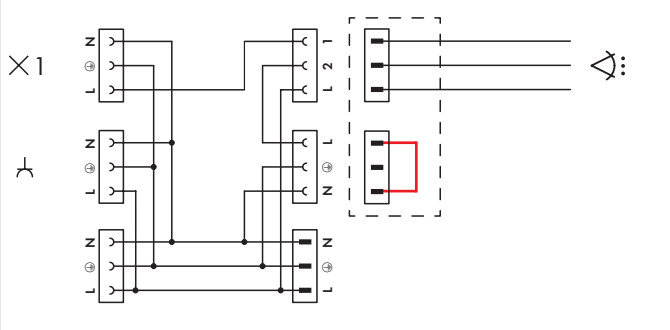
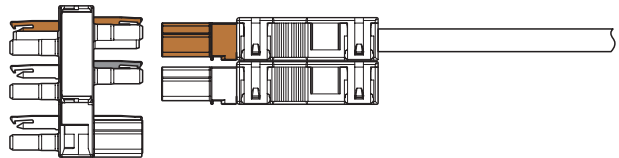
Connecting cable,
plug – free end, PVC, A- and S-coding

Length	● black	Pack. Unit
3 m	771-5001/106-000	1
4 m	771-5001/107-000	1

Connecting cable,
plug – free end, halogen-free, A- and S-coding

Length	● black	Pack. Unit
3 m	771-5001/131-000	1
4 m	771-5001/132-000	1

5



This cable combines a standard S-coded cable with an A-coded shorting plug. Both strain relief housings are locked together. A motion detector or switch with signal lamp can be directly connected using a cable equipped with 770-637 Distribution Connector.

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

 771 Series Accessories,
see page 343

 Approvals,
see www.wago.com

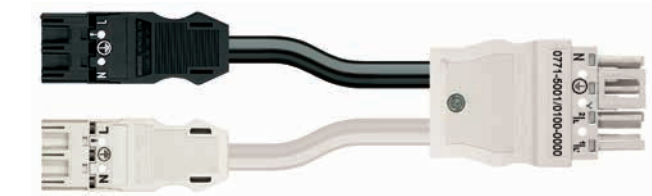
 Codings,
see page 360

Coding	Marking	Color
A	L ⊕ N	● black
S	L 2 1	● brown

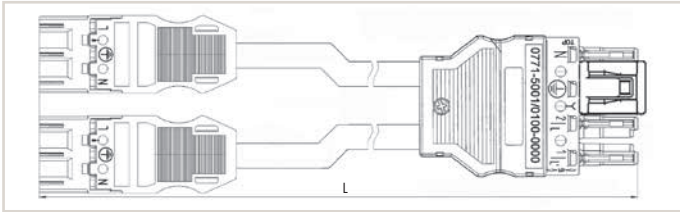
WINSTA® MIDI

Cable Assemblies, 3 x 1.5 mm²

771 Series



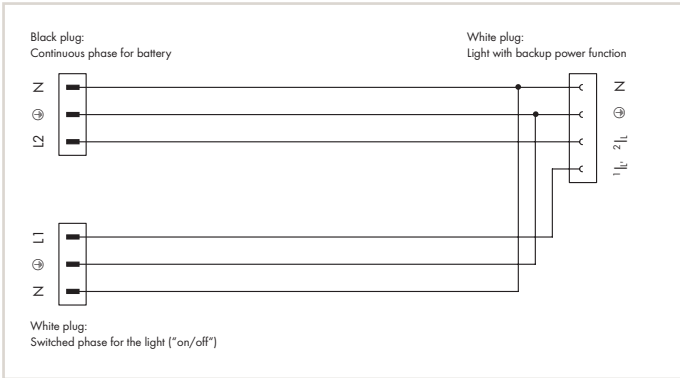
Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A

Y-cable, 1 x 4-pole, 2 x 3-pole, PVC, A-coding		
Length	● black	Pack. Unit
0.6 m	771-5001/100-000	1

Y-cable, 1 x 4-pole, 2 x 3-pole, halogen-free, A-coding		
Length	● black	Pack. Unit
0.6 m	771-5001/110-000	1



This cable connects lights with backup power function (battery pack). The black 3-pole plug connects the continuous phase for the battery, while the white 3-pole plug connects the switched phase for the light ("on/off"). The white 4-pole socket can be directly plugged into the light.

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white
A	N ⊕ 2L 1L	○ white

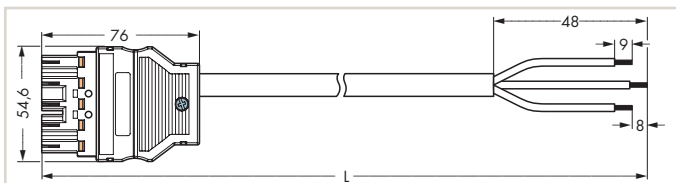
WINSTA® MIDI

Cable Assemblies, 2 x 1.5 mm²/3 x 1.5 mm²

771 Series



Dimensions (in mm):



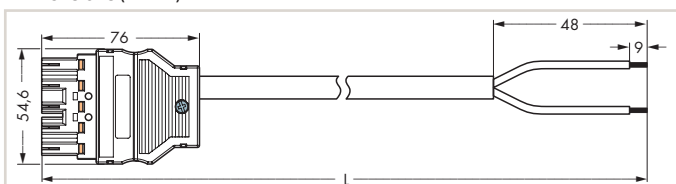
Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Connecting cable, plug – free end, I-coding			
Length	● black PVC	● black halogen-free	Pack. Unit
1 m	771-5001/148-000	771-5001/156-000	1
2 m	771-5001/149-000	771-5001/157-000	1
3 m	771-5001/150-000	771-5001/158-000	1
4 m	771-5001/151-000	771-5001/159-000	1
5 m	771-5001/152-000	771-5001/160-000	1
6 m	771-5001/153-000	771-5001/161-000	1
7 m	771-5001/154-000	771-5001/162-000	1
8 m	771-5001/155-000	771-5001/163-000	1

5



Dimensions (in mm):



Connecting cable, plug – free end, I-coding			
Length	● black PVC	● black halogen-free	Pack. Unit
1 m	771-5001/164-000	771-5001/172-000	1
2 m	771-5001/165-000	771-5001/173-000	1
3 m	771-5001/166-000	771-5001/174-000	1
4 m	771-5001/167-000	771-5001/175-000	1
5 m	771-5001/168-000	771-5001/176-000	1
6 m	771-5001/169-000	771-5001/177-000	1
7 m	771-5001/170-000	771-5001/178-000	1
8 m	771-5001/171-000	771-5001/179-000	1

Additional cable lengths available upon request.

Marine approvals (GL, LR, NV) relate exclusively to cables approved for marine applications.

771 Series Accessories, see page 343

Approvals, see www.wago.com

Codings, see page 360

Coding	Marking	Color
A	L ⊕ N	● black
I	+ -	● blue
I	N ⊕ L DA- DA+	● blue

WINSTA® MIDI

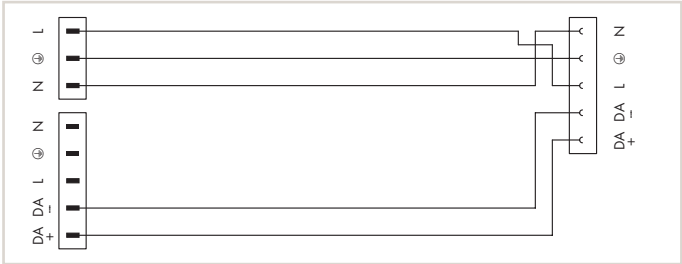
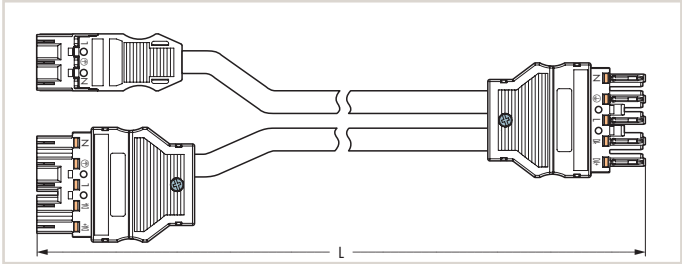
Cable Assemblies, 2 x 1.5 mm²/3 x 2.5 mm²

771 Series

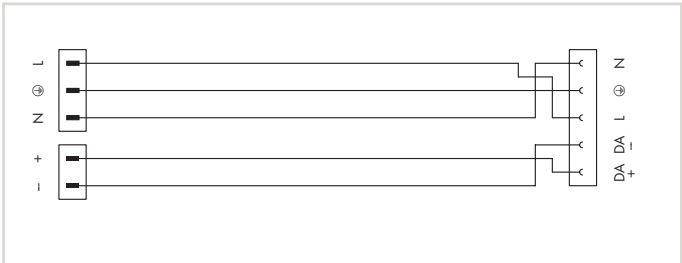
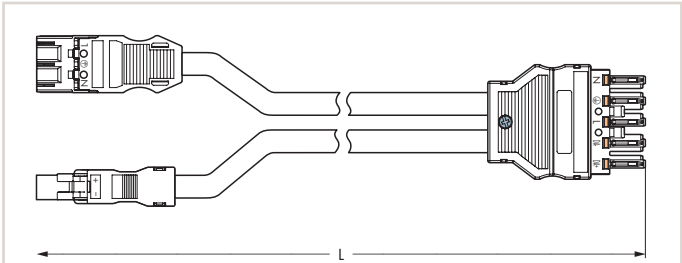
Rated voltage	250 V
Rated current	16 A



Dimensions (in mm):

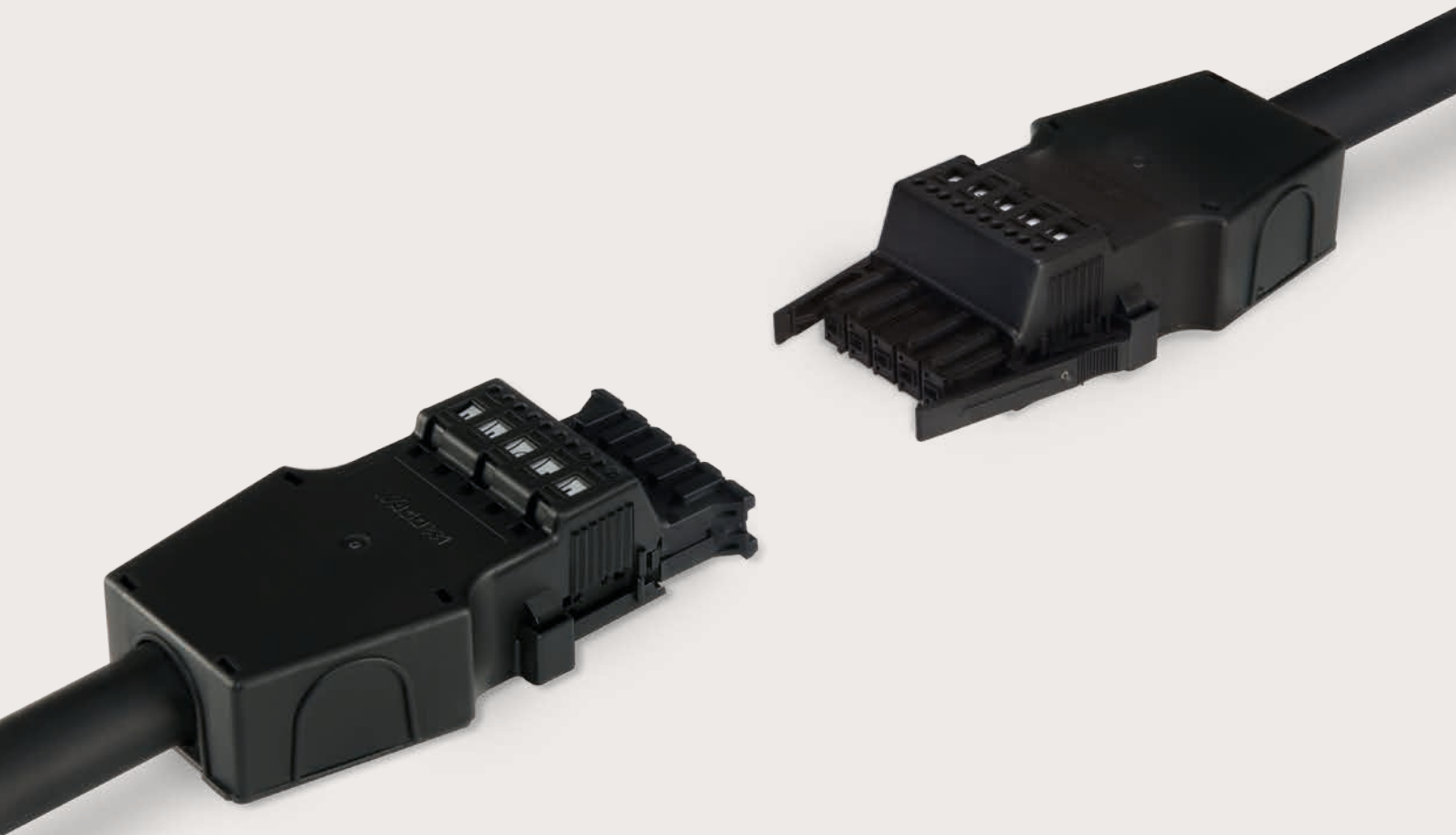


Dimensions (in mm):



Connecting cable, plug – free end, I-coding			
Length	● black PVC	● black halogen-free	Pack. Unit
0.5 m	771-5001/180-000	771-5001/181-000	1

Connecting cable, plug – free end, I-coding			
Length	● black PVC	● black halogen-free	Pack. Unit
0.5 m	771-5001/182-000	771-5001/183-000	1



WINSTA[®] MAXI

WINSTA® MAXI
6 mm² / 35 A
831 Series

- Note:
- Installation connectors are designed for connection and disconnection while not under load.
 - There is no hazard-inducing interchangeability with systems based on IEC 60309, IEC 60320, IEC 60906 and with national connector and socket systems.
 - Compliance with the standards (IEC 61535) does not guarantee hazard-preventing, non-interchangeability with installation connector systems from various manufacturers.
 - Installation connector systems are not a substitute for residential connector/socket systems.
 - WINSTA® MAXI Connectors are not intended for installation in open or easily accessible areas.

	Page
	
Pluggable Connectors, 831 Series 5-pole	253

WINSTA® MAXI

Technical Data, 5-Pole

831 Series



Connection Data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.5 ... 6 mm² / 20 ... 8 AWG
Stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Fine-stranded conductor	0.5 ... 6 mm² / 20 ... 8 AWG
Strip length	13 mm / 0.51 inch (see also packaging or instructions)

Electrical Data

Rated voltage (III / 3)	
5-pole	400 V
Rated surge voltage (III / 3)	
5-pole	6 kV
Rated current	
5-pole	35 A
Clearances and creepage distances	≥ 5.5 mm to exposed surfaces (Protection Category II)
Contact resistance	approx. 1 mΩ contact resistance approx. 0.25 mΩ contact transition socket / plug
Number of potentials	
5-pole	5
Number of connection points	
5-pole	5

Mechanical Data

Mating cycles	100, without resistive load 50, with resistive load $I_N = 35$ A (6 mm²)
Mating forces	20 ... 70 N (depending on pole number)
Unmating forces	20 ... 70 N (depending on pole number) when unlocked
Retention forces	> 80 N (locked)
Cable diameter	
5-pole	13 ... 18 mm
Protection type	IP2xC (with strain relief housing) Note: These compact connectors are not designed for use in open, easily accessible areas.
Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... ≤ +85 °C PVC cable ≤ +70 °C (incl. halogen-free) Insulating parts ≤ +105 °C

Mismating Protection

All WINSTA® components are 100 % protected against mismating when:

- Plugging different number of poles
- Plugging when rotated by 180°
- Plugging when laterally staggered
- Plugging one pole

Locking Levers

Sockets are factory-equipped with locking levers to ensure plugs and sockets are securely locked.

Material Data

Insulating parts	Polyamide (PA 66), halogen-free
Contacts	Copper or copper alloy, surface-treated
Clamping spring	Stainless steel (Cr-Ni)
Flammability class (per UL 94)	V0

Standards/Approvals

- UL
- CCA certificate

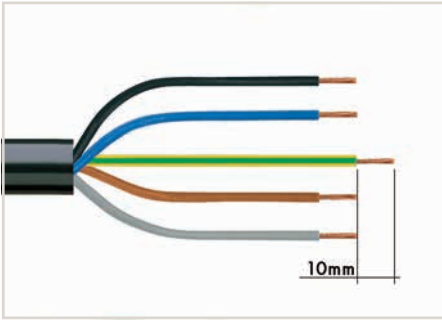
Approvals,
see www.wago.com

Coding Overview,
see page 360

WINSTA® MAXI

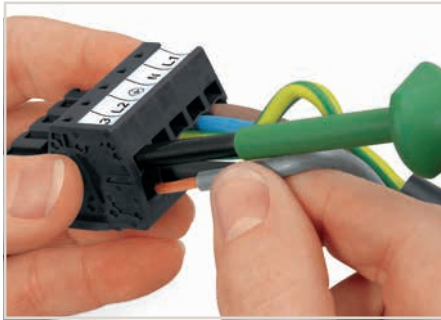
Description and Installation

831 Series



The following lengths are recommended:

1. Strip length, outer insulation = 80 mm
2. Strip length = 13 mm
3. Extended ground conductor = 10 mm



To terminate fine-stranded conductors, open the clamping unit via screwdriver (5.5 mm blade width) and insert stripped conductor until it hits backstop.



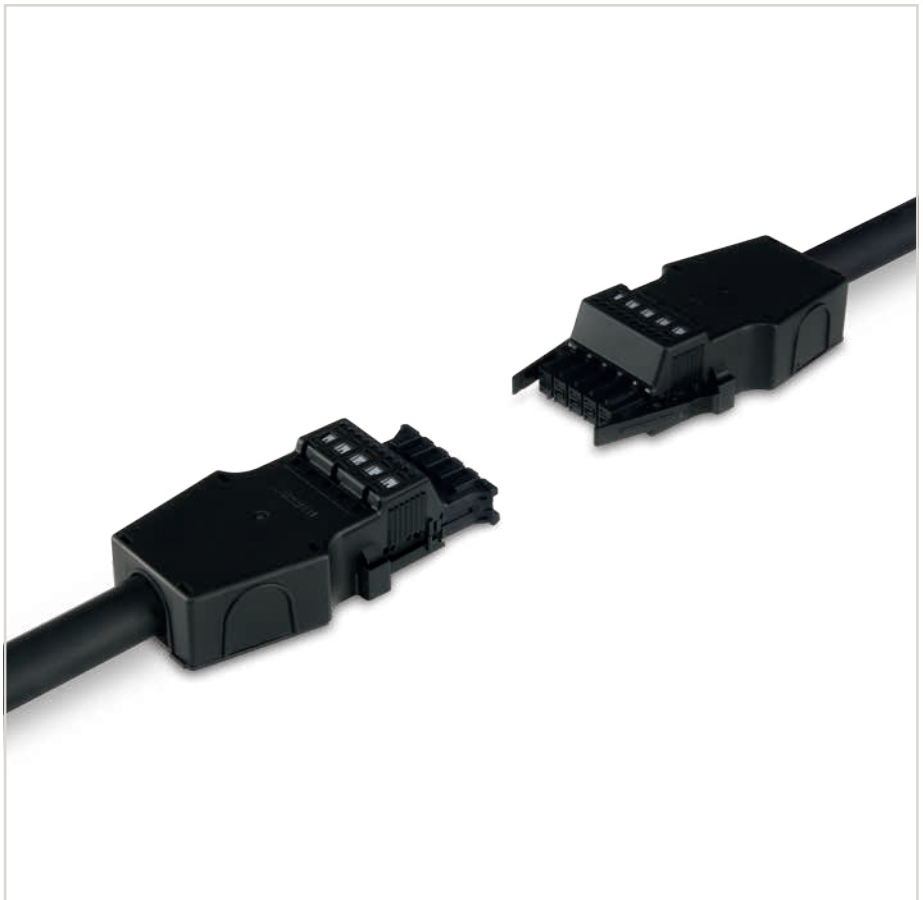
The printed marking of the connector is clearly visible in the openings of the strain relief housing.



Unscrew base of strain relief housing.



Snap wired connector onto the base.



Tighten strain relief using a screwdriver.



Wired connector fitted in base of strain relief housing.



Latch the top of the strain relief housing.

WINSTA® MAXI

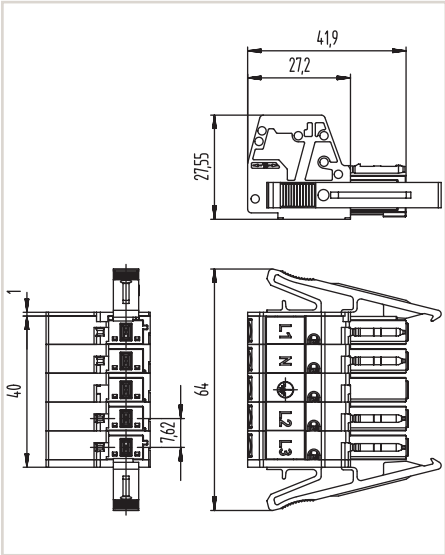
Sockets and Plugs, 5-Pole

831 Series

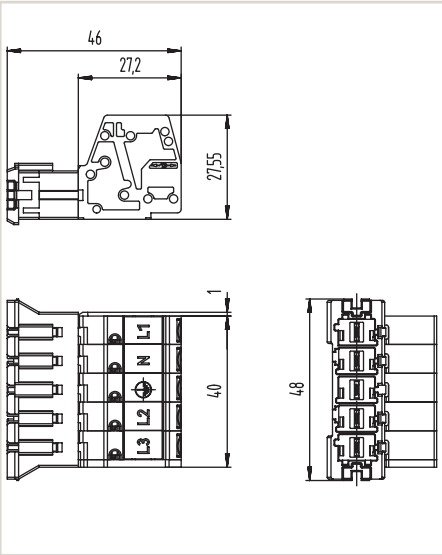
Conductor range	0.5 ... 6 mm² / 20 ... 8 AWG
Rated voltage	400 V
Rated current	35 A
Strip length	13 mm / 0.51 inch



Dimensions (in mm):



Dimensions (in mm):



Socket, with strain relief housing, for one cable, 13 ... 18 mm cable diameter, 80 mm strip length			Plug, with strain relief housing, for one cable, 13 ... 18 mm cable diameter, 80 mm strip length		
Color	Item No.	Pack. Unit	Color	Item No.	Pack. Unit
● black	831-3105/1019-004	5	● black	831-3205/1020-004	5
○ white	831-3105/1019-050	5	○ white	831-3205/1020-050	5

Approvals, see www.wago.com
Coding Overview, see page 360

Coding	Marking	Color
A	N Ⓢ L1 L2 L3	● black
A	N Ⓢ L1 L2 L3	○ white



WINSTA® RD

WINSTA® RD
2.5 mm² / 20 A
774 Series

- Note:**
- Installation connectors are designed for connection and disconnection while not under load.
 - There is no hazard-inducing interchangeability with systems based on IEC 60309, IEC 60320, IEC 60906 and with national connector and socket systems.
 - Compliance with the standards (IEC 61535) does not guarantee hazard-preventing, non-interchangeability with installation connector systems from various manufacturers.
 - Installation connector systems are not a substitute for residential connector/socket systems.

 - WINSTA® RD Connectors are not intended for installation in open or easily accessible areas.

	Page
	Cable Assemblies, 774 Series 3 x 1.5 mm² 258 3 x 2.5 mm² 263
	Cable Assemblies, 774 Series 4 x 1.5 mm² 266
	Plug Adapters for Attema's Hollow-Wall Boxes, 774 Series 3-pole 268

WINSTA® RD**Technical Data, 3- to 4-Pole
774 Series****Electrical Data**

Rated voltage (III / 3)	
3-pole	250 V
4-pole	250 V
Rated surge voltage (III / 3)	
3-pole	4 kV
4-pole	4 kV
Rated current	
3-pole	16 A (20 A for 2.5 mm² cables)
4-pole	16 A
Clearances and creepage distances	≥ 5.5 mm to exposed surfaces (Protection Category II)
Contact resistance	approx. 1 mΩ contact resistance approx. 0.25 mΩ contact transition socket / plug
Conductor ends	9 mm / 0.35 inch, tip-bonded
Number of potentials	
3-pole	3
4-pole	4

Mechanical Data

Mating cycles	200, without resistive load 100, with resistive load $I_N = 20\text{ A}$ (2.5 mm²)
Mating forces	30 ... 70 N (depending on pole number)
Unmating forces	30 ... 70 N (depending on pole number) when unlocked
Retention forces	> 80 N (locked)
Protection type	IP2xC (with strain relief housing) Note: These compact connectors are not de- signed for use in open, easily accessible areas.
Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... ≤ +85 °C PVC cable ≤ +70 °C (incl. halogen-free) Insulating parts ≤ +105 °C

Mismating Protection

All WINSTA® components are 100 % protected against mismating when:

- Plugging different number of poles
- Plugging when rotated by 180°
- Plugging when laterally staggered

Locking Levers

Sockets are factory-equipped with locking levers.

Material Data

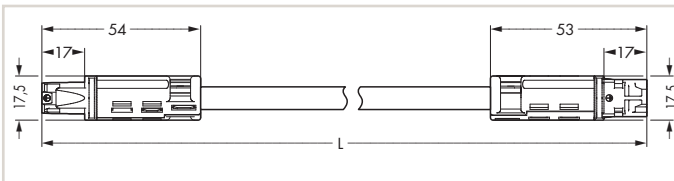
Insulating parts	Polyamide (PA 66), halogen-free
Contacts	Copper or copper alloy, surface-treated
Clamping spring	Stainless steel (Cr-Ni)
Flammability class (per UL 94)	V0

Standards/Approvals

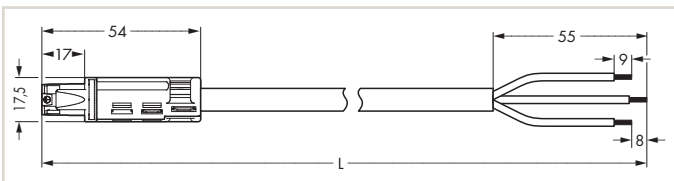
- CCA certificate

WINSTA® RD**Cable Assemblies, 3 x 1.5 mm², PVC
774 Series**

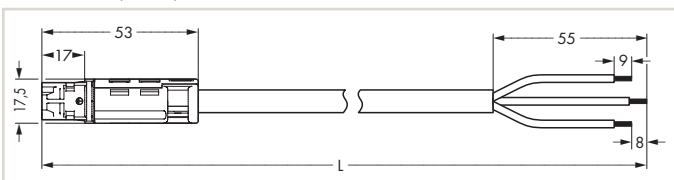
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	774-9993/006-101	774-9993/006-102	1
2 m	774-9993/006-201	774-9993/006-202	1
3 m	774-9993/006-301	774-9993/006-302	1
4 m	774-9993/006-401	774-9993/006-402	1
5 m	774-9993/006-501	774-9993/006-502	1
6 m	774-9993/006-601	774-9993/006-602	1
7 m	774-9993/006-701	774-9993/006-702	1
8 m	774-9993/006-801	774-9993/006-802	1

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	774-9993/106-101	774-9993/106-102	1
2 m	774-9993/106-201	774-9993/106-202	1
3 m	774-9993/106-301	774-9993/106-302	1
4 m	774-9993/106-401	774-9993/106-402	1
5 m	774-9993/106-501	774-9993/106-502	1
6 m	774-9993/106-601	774-9993/106-602	1
7 m	774-9993/106-701	774-9993/106-702	1
8 m	774-9993/106-801	774-9993/106-802	1

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	774-9993/206-101	774-9993/206-102	1
2 m	774-9993/206-201	774-9993/206-202	1
3 m	774-9993/206-301	774-9993/206-302	1
4 m	774-9993/206-401	774-9993/206-402	1
5 m	774-9993/206-501	774-9993/206-502	1
6 m	774-9993/206-601	774-9993/206-602	1
7 m	774-9993/206-701	774-9993/206-702	1
8 m	774-9993/206-801	774-9993/206-802	1

Additional cable lengths available upon request.

 Approvals,
see www.wago.com

 Codings,
see page 360

Coding

A

A

Marking

L ⊕ N

L ⊕ N

Color

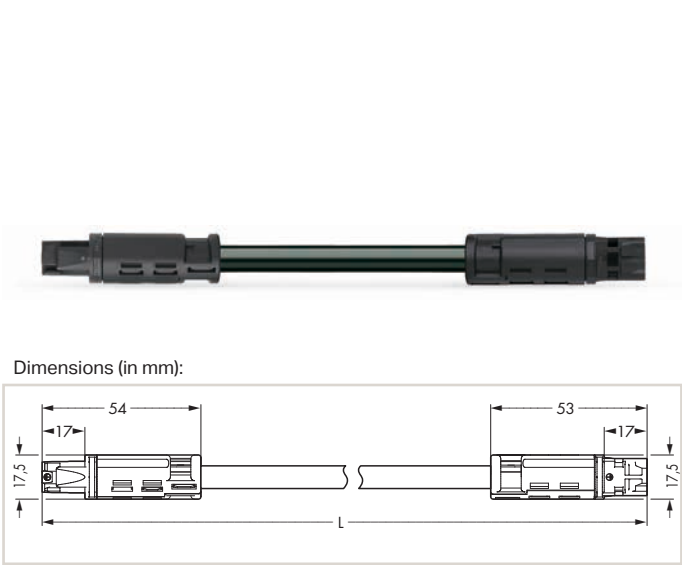
● black

○ white

WINSTA® RD

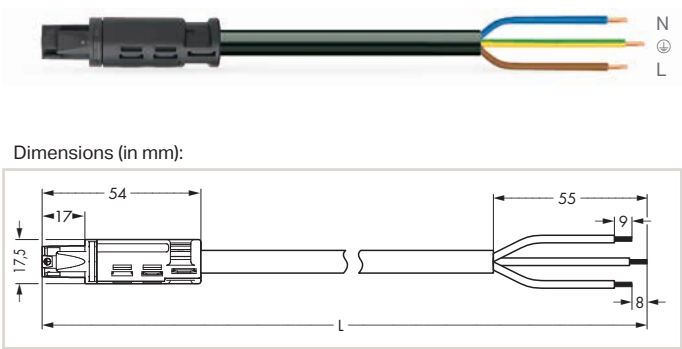
Cable Assemblies, 3 x 1.5 mm², Halogen-Free

774 Series

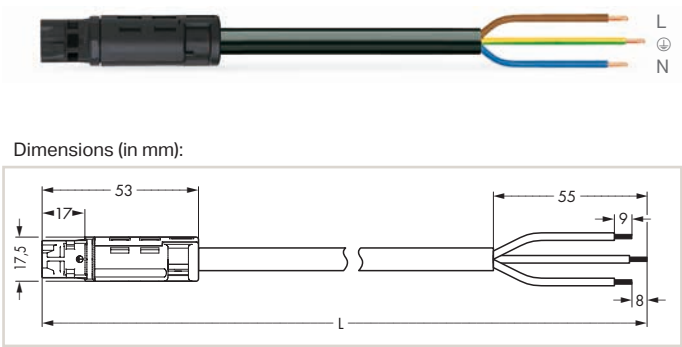


Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	774-9993/016-101	774-9993/016-102	1
2 m	774-9993/016-201	774-9993/016-202	1
3 m	774-9993/016-301	774-9993/016-302	1
4 m	774-9993/016-401	774-9993/016-402	1
5 m	774-9993/016-501	774-9993/016-502	1
6 m	774-9993/016-601	774-9993/016-602	1
7 m	774-9993/016-701	774-9993/016-702	1
8 m	774-9993/016-801	774-9993/016-802	1



Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	774-9993/116-101	774-9993/116-102	1
2 m	774-9993/116-201	774-9993/116-202	1
3 m	774-9993/116-301	774-9993/116-302	1
4 m	774-9993/116-401	774-9993/116-402	1
5 m	774-9993/116-501	774-9993/116-502	1
6 m	774-9993/116-601	774-9993/116-602	1
7 m	774-9993/116-701	774-9993/116-702	1
8 m	774-9993/116-801	774-9993/116-802	1

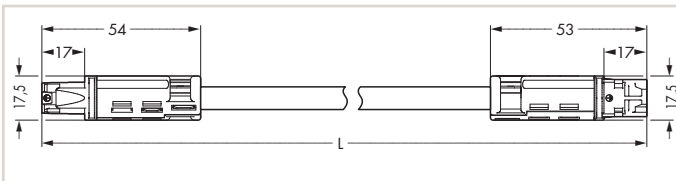


Connecting cable, plug – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	774-9993/216-101	774-9993/216-102	1
2 m	774-9993/216-201	774-9993/216-202	1
3 m	774-9993/216-301	774-9993/216-302	1
4 m	774-9993/216-401	774-9993/216-402	1
5 m	774-9993/216-501	774-9993/216-502	1
6 m	774-9993/216-601	774-9993/216-602	1
7 m	774-9993/216-701	774-9993/216-702	1
8 m	774-9993/216-801	774-9993/216-802	1

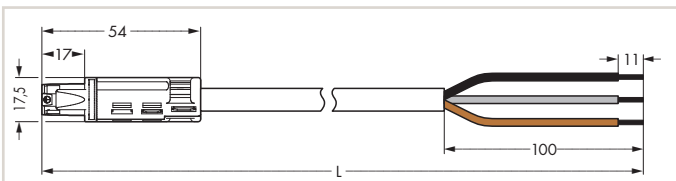
Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® RD**Cable Assemblies, 3 x 1.5 mm², PVC
774 Series**

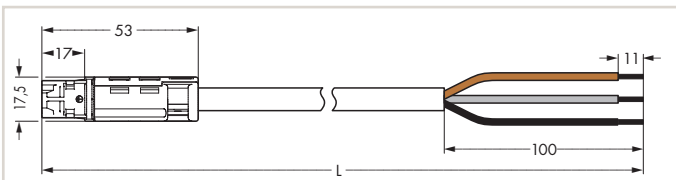
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	11 mm / 0.43 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket with locking lever – plug, PVC, S-coding

Length	● black	Pack. Unit
1 m	774-9973/006-105	1
2 m	774-9973/006-205	1
3 m	774-9973/006-305	1
4 m	774-9973/006-405	1
5 m	774-9973/006-505	1
6 m	774-9973/006-605	1
7 m	774-9973/006-705	1
8 m	774-9973/006-805	1

Connecting cable,
socket with locking lever – free end, PVC, S-coding

Length	● black	Pack. Unit
1 m	774-9973/106-105	1
2 m	774-9973/106-205	1
3 m	774-9973/106-305	1
4 m	774-9973/106-405	1
5 m	774-9973/106-505	1
6 m	774-9973/106-605	1
7 m	774-9973/106-705	1
8 m	774-9973/106-805	1

Connecting cable,
plug – free end, PVC, S-coding

Length	● black	Pack. Unit
1 m	774-9973/206-105	1
2 m	774-9973/206-205	1
3 m	774-9973/206-305	1
4 m	774-9973/206-405	1
5 m	774-9973/206-505	1
6 m	774-9973/206-605	1
7 m	774-9973/206-705	1
8 m	774-9973/206-805	1

Additional cable lengths available upon request.

 Approvals,
see www.wago.com
 Codings,
see page 360
Coding
SMarking
1 2 LColor
● brown

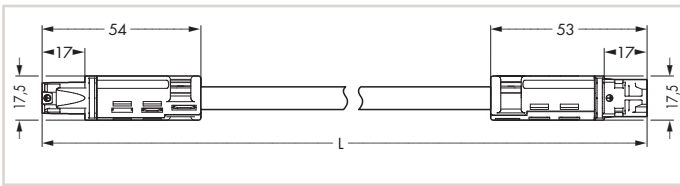
WINSTA® RD

Cable Assemblies, 3 x 1.5 mm², Halogen-Free

774 Series



Dimensions (in mm):

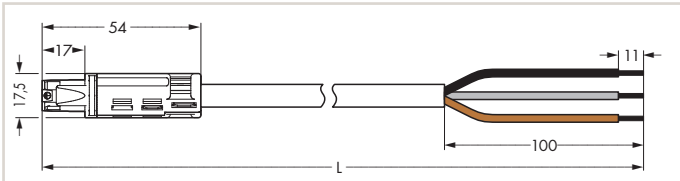


Rated voltage	250 V
Rated current	16 A
Strip length	11 mm / 0.43 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket with locking lever – plug, halogen-free, S-coding		
Length	● black	Pack. Unit
1 m	774-9973/016-105	1
2 m	774-9973/016-205	1
3 m	774-9973/016-305	1
4 m	774-9973/016-405	1
5 m	774-9973/016-505	1
6 m	774-9973/016-605	1
7 m	774-9973/016-705	1
8 m	774-9973/016-805	1



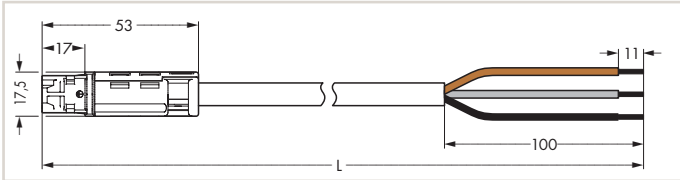
Dimensions (in mm):



Connecting cable, socket with locking lever – free end, halogen-free, S-coding		
Length	● black	Pack. Unit
1 m	774-9973/116-105	1
2 m	774-9973/116-205	1
3 m	774-9973/116-305	1
4 m	774-9973/116-405	1
5 m	774-9973/116-505	1
6 m	774-9973/116-605	1
7 m	774-9973/116-705	1
8 m	774-9973/116-805	1



Dimensions (in mm):



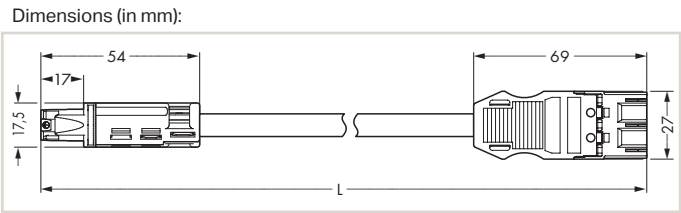
Connecting cable, plug – free end, halogen-free, S-coding		
Length	● black	Pack. Unit
1 m	774-9973/216-105	1
2 m	774-9973/216-205	1
3 m	774-9973/216-305	1
4 m	774-9973/216-405	1
5 m	774-9973/216-505	1
6 m	774-9973/216-605	1
7 m	774-9973/216-705	1
8 m	774-9973/216-805	1

Coding	Marking	Color
S	1 2 L	● brown

WINSTA® RD

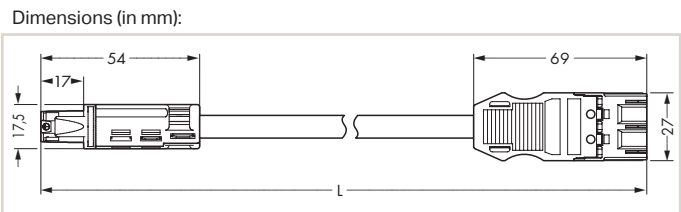
Cable Assemblies, 3 x 1.5 mm²

774 Series



Rated voltage	250 V
Rated current	16 A

Adapter cable, RD socket – MIDI plug, PVC, S-coding		
Length	● black	Pack. Unit
1 m	774-9973/1506-101	1
2 m	774-9973/1506-201	1
3 m	774-9973/1506-301	1
4 m	774-9973/1506-401	1
5 m	774-9973/1506-501	1
6 m	774-9973/1506-601	1
7 m	774-9973/1506-701	1
8 m	774-9973/1506-801	1



Connecting cable, RD socket – MIDI plug, halogen-free, S-coding		
Length	● black	Pack. Unit
1 m	774-9973/1516-101	1
2 m	774-9973/1516-201	1
3 m	774-9973/1516-301	1
4 m	774-9973/1516-401	1
5 m	774-9973/1516-501	1
6 m	774-9973/1516-601	1
7 m	774-9973/1516-701	1
8 m	774-9973/1516-801	1

Additional cable lengths available upon request.

 Approvals,
see www.wago.com

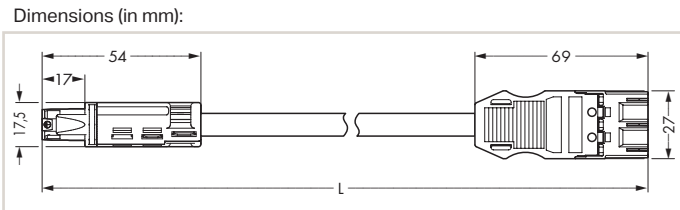
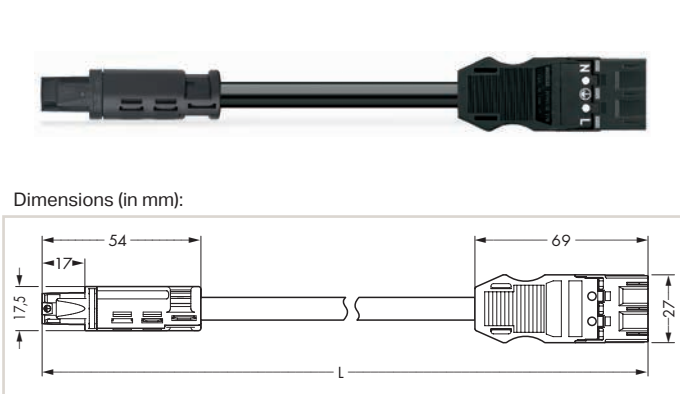
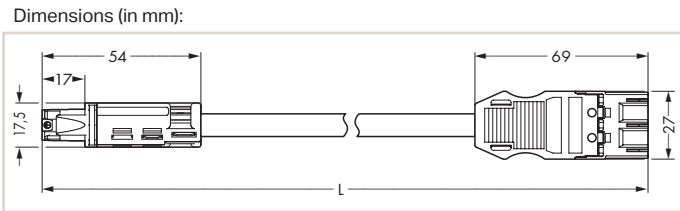
 Codings,
see page 360

Coding	Marking	Color
S	1 2 L	● brown

WINSTA® RD

Cable Assemblies, 3 x 2.5 mm²

774 Series



Rated voltage	250 V
Rated current	20 A

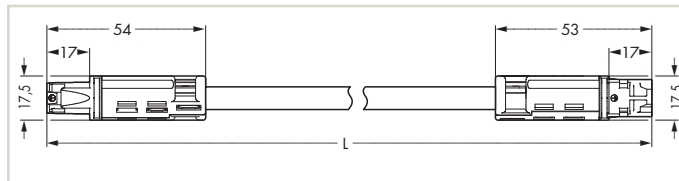
Adapter cable, RD socket – MIDI plug, PVC, A-coding		
Length	● black	Pack. Unit
1 m	774-9993/1507-101	1
2 m	774-9993/1507-201	1
3 m	774-9993/1507-301	1
4 m	774-9993/1507-401	1
5 m	774-9993/1507-501	1
6 m	774-9993/1507-601	1
7 m	774-9993/1507-701	1
8 m	774-9993/1507-801	1

Connecting cable, RD socket – MIDI plug, halogen-free, A-coding		
Length	● black	Pack. Unit
1 m	774-9993/1517-101	1
2 m	774-9993/1517-201	1
3 m	774-9993/1517-301	1
4 m	774-9993/1517-401	1
5 m	774-9993/1517-501	1
6 m	774-9993/1517-601	1
7 m	774-9993/1517-701	1
8 m	774-9993/1517-801	1

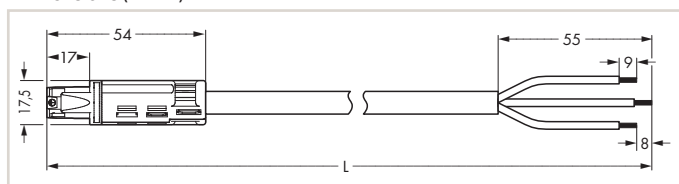
Coding	Marking	Color
A	L ⊕ N	● black

WINSTA® RD**Cable Assemblies, 3 x 2.5 mm², PVC****774 Series**

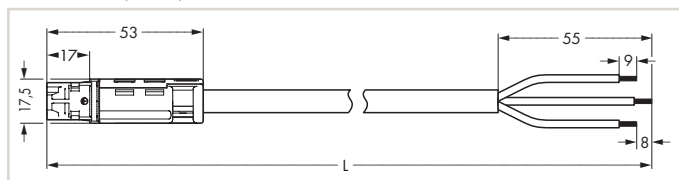
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	774-9993/007-101	774-9993/007-102	1
2 m	774-9993/007-201	774-9993/007-202	1
3 m	774-9993/007-301	774-9993/007-302	1
4 m	774-9993/007-401	774-9993/007-402	1
5 m	774-9993/007-501	774-9993/007-502	1
6 m	774-9993/007-601	774-9993/007-602	1
7 m	774-9993/007-701	774-9993/007-702	1
8 m	774-9993/007-801	774-9993/007-802	1

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	774-9993/107-101	774-9993/107-102	1
2 m	774-9993/107-201	774-9993/107-202	1
3 m	774-9993/107-301	774-9993/107-302	1
4 m	774-9993/107-401	774-9993/107-402	1
5 m	774-9993/107-501	774-9993/107-502	1
6 m	774-9993/107-601	774-9993/107-602	1
7 m	774-9993/107-701	774-9993/107-702	1
8 m	774-9993/107-801	774-9993/107-802	1

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	774-9993/207-101	774-9993/207-102	1
2 m	774-9993/207-201	774-9993/207-202	1
3 m	774-9993/207-301	774-9993/207-302	1
4 m	774-9993/207-401	774-9993/207-402	1
5 m	774-9993/207-501	774-9993/207-502	1
6 m	774-9993/207-601	774-9993/207-602	1
7 m	774-9993/207-701	774-9993/207-702	1
8 m	774-9993/207-801	774-9993/207-802	1

Additional cable lengths available upon request.

 Approvals,
see www.wago.com
 Codings,
see page 360

Coding

A

A

Marking

L ⊕ N

L ⊕ N

Color

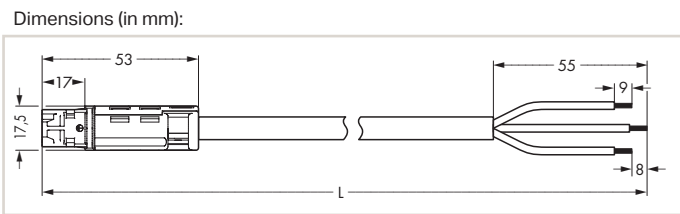
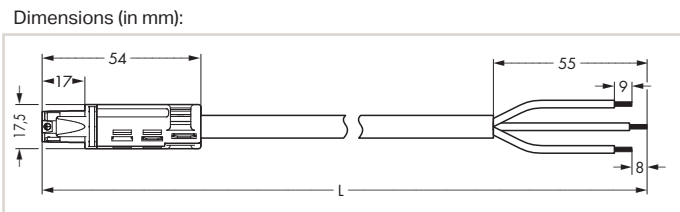
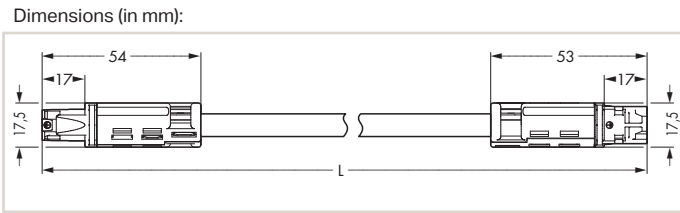
● black

○ white

WINSTA® RD

Cable Assemblies, 3 x 2.5 mm², Halogen-Free

774 Series



Rated voltage	250 V
Rated current	20 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	774-9993/017-101	774-9993/017-102	1
2 m	774-9993/017-201	774-9993/017-202	1
3 m	774-9993/017-301	774-9993/017-302	1
4 m	774-9993/017-401	774-9993/017-402	1
5 m	774-9993/017-501	774-9993/017-502	1
6 m	774-9993/017-601	774-9993/017-602	1
7 m	774-9993/017-701	774-9993/017-702	1
8 m	774-9993/017-801	774-9993/017-802	1

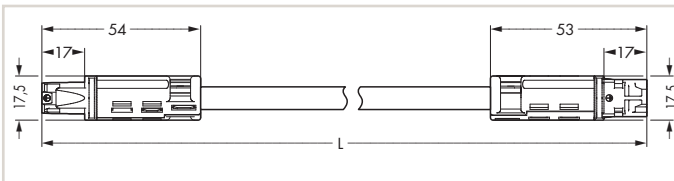
Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	774-9993/117-101	774-9993/117-102	1
2 m	774-9993/117-201	774-9993/117-202	1
3 m	774-9993/117-301	774-9993/117-302	1
4 m	774-9993/117-401	774-9993/117-402	1
5 m	774-9993/117-501	774-9993/117-502	1
6 m	774-9993/117-601	774-9993/117-602	1
7 m	774-9993/117-701	774-9993/117-702	1
8 m	774-9993/117-801	774-9993/117-802	1

Connecting cable, plug – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	774-9993/217-101	774-9993/217-102	1
2 m	774-9993/217-201	774-9993/217-202	1
3 m	774-9993/217-301	774-9993/217-302	1
4 m	774-9993/217-401	774-9993/217-402	1
5 m	774-9993/217-501	774-9993/217-502	1
6 m	774-9993/217-601	774-9993/217-602	1
7 m	774-9993/217-701	774-9993/217-702	1
8 m	774-9993/217-801	774-9993/217-802	1

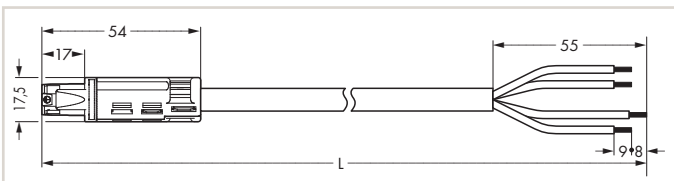
Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® RD**Cable Assemblies, 4 x 1.5 mm², PVC
774 Series**

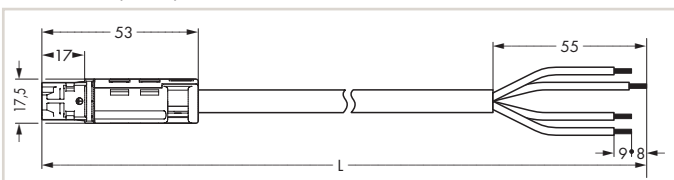
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable,
socket – plug, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	774-9994/006-101	774-9994/006-102	1
2 m	774-9994/006-201	774-9994/006-202	1
3 m	774-9994/006-301	774-9994/006-302	1
4 m	774-9994/006-401	774-9994/006-402	1
5 m	774-9994/006-501	774-9994/006-502	1
6 m	774-9994/006-601	774-9994/006-602	1
7 m	774-9994/006-701	774-9994/006-702	1
8 m	774-9994/006-801	774-9994/006-802	1

Connecting cable,
socket – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	774-9994/106-101	774-9994/106-102	1
2 m	774-9994/106-201	774-9994/106-202	1
3 m	774-9994/106-301	774-9994/106-302	1
4 m	774-9994/106-401	774-9994/106-402	1
5 m	774-9994/106-501	774-9994/106-502	1
6 m	774-9994/106-601	774-9994/106-602	1
7 m	774-9994/106-701	774-9994/106-702	1
8 m	774-9994/106-801	774-9994/106-802	1

Connecting cable,
plug – free end, PVC, A-coding

Length	● black	○ white	Pack. Unit
1 m	774-9994/206-101	774-9994/206-102	1
2 m	774-9994/206-201	774-9994/206-202	1
3 m	774-9994/206-301	774-9994/206-302	1
4 m	774-9994/206-401	774-9994/206-402	1
5 m	774-9994/206-501	774-9994/206-502	1
6 m	774-9994/206-601	774-9994/206-602	1
7 m	774-9994/206-701	774-9994/206-702	1
8 m	774-9994/206-801	774-9994/206-802	1

Additional cable lengths available upon request.

 Approvals,
see www.wago.com
 Codings,
see page 360

Coding

A

A

Marking

N ⊕ 2 1

N ⊕ 2 1

Color

● black

○ white

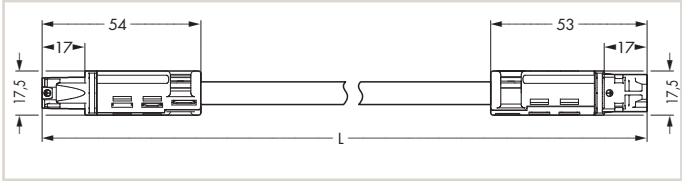
WINSTA® RD

Cable Assemblies, 4 x 1.5 mm², Halogen-Free

774 Series



Dimensions (in mm):

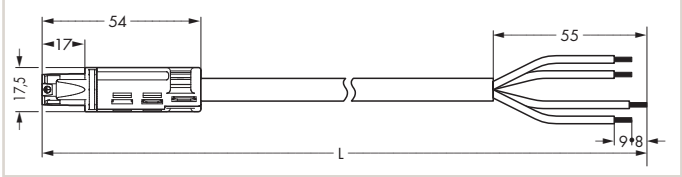


Rated voltage	250 V
Rated current	16 A
Strip length	9 mm / 0.35 inch
Conductor preparation	tip-bonded

Interconnecting cable, socket – plug, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	774-9994/016-101	774-9994/016-102	1
2 m	774-9994/016-201	774-9994/016-202	1
3 m	774-9994/016-301	774-9994/016-302	1
4 m	774-9994/016-401	774-9994/016-402	1
5 m	774-9994/016-501	774-9994/016-502	1
6 m	774-9994/016-601	774-9994/016-602	1
7 m	774-9994/016-701	774-9994/016-702	1
8 m	774-9994/016-801	774-9994/016-802	1



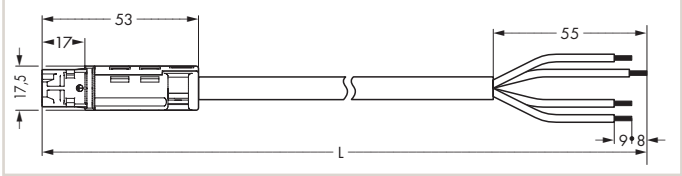
Dimensions (in mm):



Connecting cable, socket – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	774-9994/116-101	774-9994/116-102	1
2 m	774-9994/116-201	774-9994/116-202	1
3 m	774-9994/116-301	774-9994/116-302	1
4 m	774-9994/116-401	774-9994/116-402	1
5 m	774-9994/116-501	774-9994/116-502	1
6 m	774-9994/116-601	774-9994/116-602	1
7 m	774-9994/116-701	774-9994/116-702	1
8 m	774-9994/116-801	774-9994/116-802	1



Dimensions (in mm):



Connecting cable, plug – free end, halogen-free, A-coding			
Length	● black	○ white	Pack. Unit
1 m	774-9994/216-101	774-9994/216-102	1
2 m	774-9994/216-201	774-9994/216-202	1
3 m	774-9994/216-301	774-9994/216-302	1
4 m	774-9994/216-401	774-9994/216-402	1
5 m	774-9994/216-501	774-9994/216-502	1
6 m	774-9994/216-601	774-9994/216-602	1
7 m	774-9994/216-701	774-9994/216-702	1
8 m	774-9994/216-801	774-9994/216-802	1

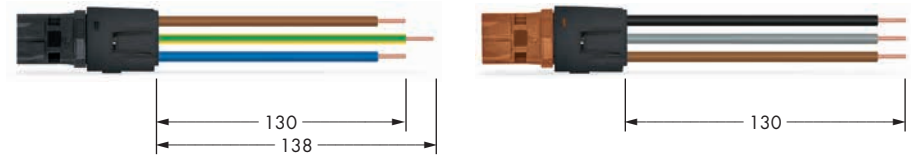
Coding	Marking	Color
A	N Ⓢ 2 1	● black
A	N Ⓢ 2 1	○ white

WINSTA® RD

Plug Adapters for Attema's Hollow-Wall Boxes, 3-Pole

774 Series

Rated voltage	250 V
Rated current	20 A
Strip length	16 mm / 0.63 inch



Plug adapter, for power outlets, A-coding		
Color	Item No.	Pack. Unit
● black	774-213/9900-0000	10

Plug adapter, for switches, S-coding		
Color	Item No.	Pack. Unit
● black	774-1373/9900-0000	10



These plug adapters are designed for Attema's hollow-wall boxes. They permit complete preassembly of switches and power outlets, allowing them to be plugged on site via WINSTA® RD Connectors. This relocates the wiring of switches and outlets from the construction site to the factory, simplifying on-site installation and minimizing installation time.

Approvals, see www.wago.com
Codings, see page 360

Coding	Marking	Color
A	L ⊕ N	● black
S	1 2 L	● brown



WINSTA® KNX

WINSTA® KNX
0.8 mm Ø / 3 A
893 / 894 Series

- Note:
- Installation connectors are not designed for connection/disconnection while under load.

- There is no hazard-inducing interchangeability with systems based on IEC 60309, IEC 60320, IEC 60906 and with national connector and socket systems.

- Installation connector systems are not a substitute for residential connector/socket systems.

- WINSTA® KNX Connectors are not intended for installation in open or easily accessible areas.

	Page
	Pluggable Connectors, 893 Series 2-pole 275
	Snap-In Device Connectors, 893 Series 2-pole 276
	T-Distribution Connectors, 893 Series 2-pole 277
	Cable Assemblies, 894 Series 2 x 0.8 mm Ø 278

WINSTA® KNX

Technical Data, 2-Pole

893 / 894 Series



Connection Data

Connection technology	PUSH WIRE®
Solid conductor	0.8 mm Ø
Strip length	9 mm / 0.35 inch (see also packaging or instructions)

Electrical Data

Rated voltage (III / 3)	
2-pole	50 V
Rated surge voltage (III / 3)	
2-pole	0.8 kV
Rated current	
2-pole	3 A
Clearances and creepage distances	≥ 5.5 mm
Contact resistance	approx. 3 mΩ
Number of potentials	
2-pole	2

Mechanical Data

Mating cycles	200
Mating forces	10 ... 15 N
Unmating forces	15 ... 20 N (unlocked)
Protection type	IP20 (with strain relief housing) Note: These compact connectors are not designed for use in open, easily accessible areas.
Processing temperature	-5 ... +40 °C
Continuous operating temperature	-35 ... ≤ +85 °C PVC cable ≤ +70 °C (incl. halogen-free) Insulating parts ≤ +105 °C

Material Data

Insulating parts	Polyamide (PA 66), halogen-free
Contacts	Copper or copper alloy, surface-treated
Clamping spring	Stainless steel (Cr-Ni)
Flammability class (per UL 94)	V0

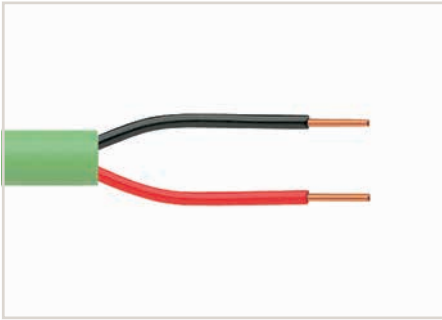
Standards/Approvals

- EIB/KNX manual

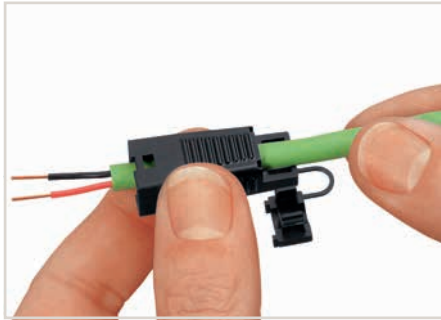
WINSTA® KNX

Description and Installation

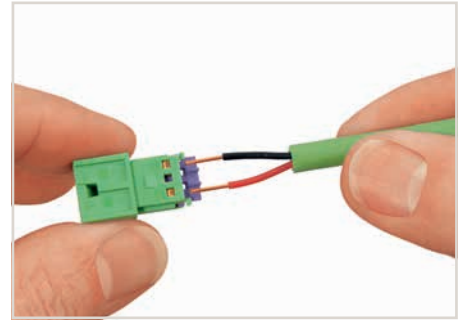
893 / 894 Series



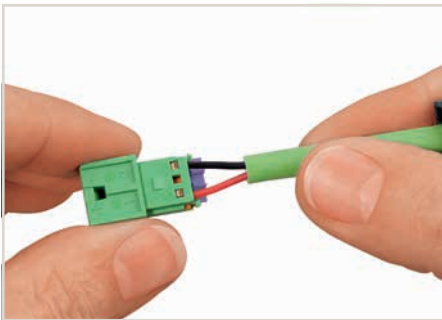
1. Strip length, outer insulation = 23 mm
2. Strip length = 9 mm



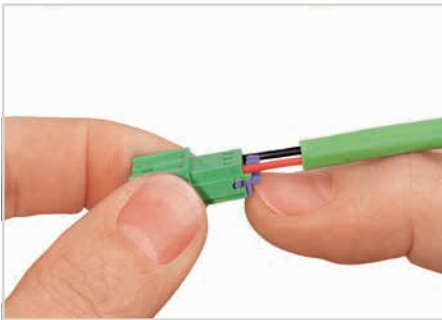
Prior to termination, pull the strain relief housing over the cable.



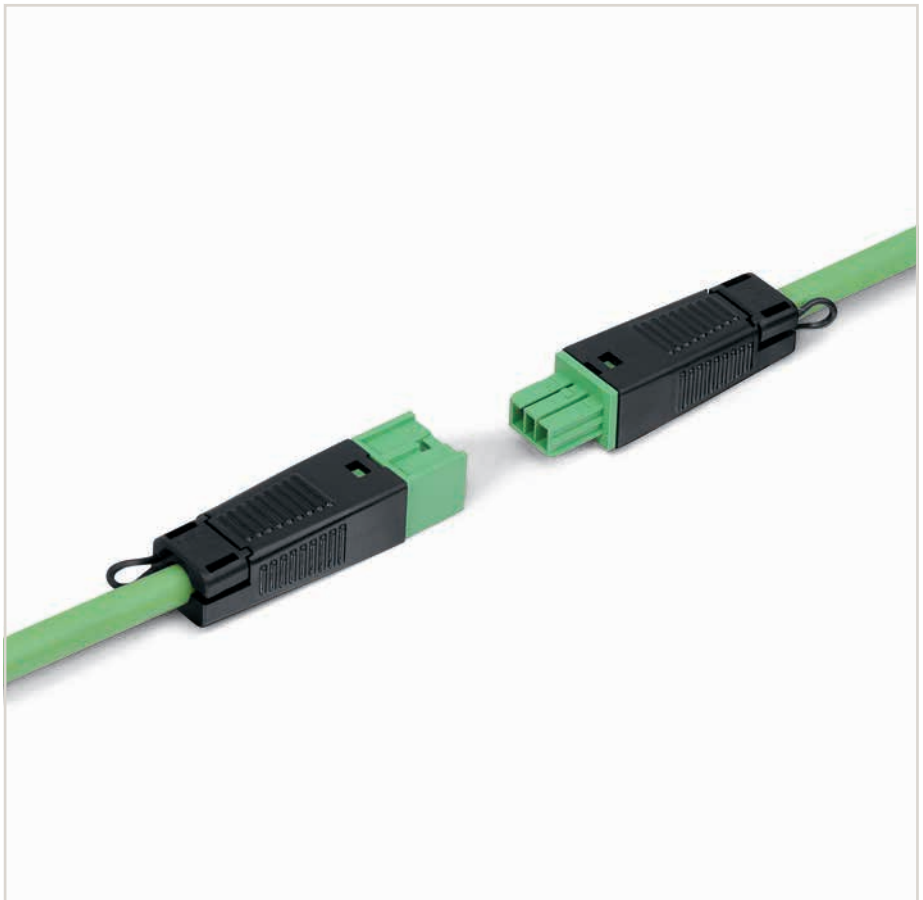
Insert stripped conductors directly into the conductor entries.



Push conductors until they hit backstop.



To disconnect, open clamping unit using the actuator and pull out the conductor.



Snap wired connector into the strain relief housing.



Press strain relief firmly on the cable.



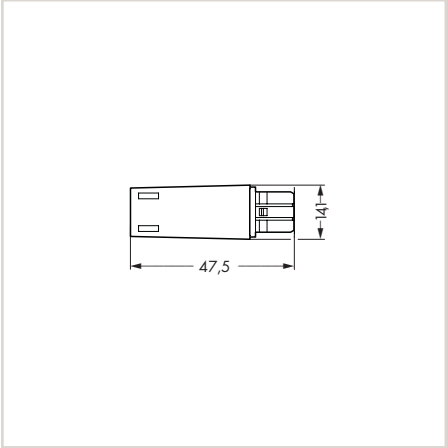
Pre-assembled KNX connector

WINSTA® KNX
Sockets and Plugs, 2-Pole
893 Series

Conductor cross section	0.8 mm Ø
Rated voltage	50 V
Rated current	3 A
Strip length	9 mm / 0.35 inch



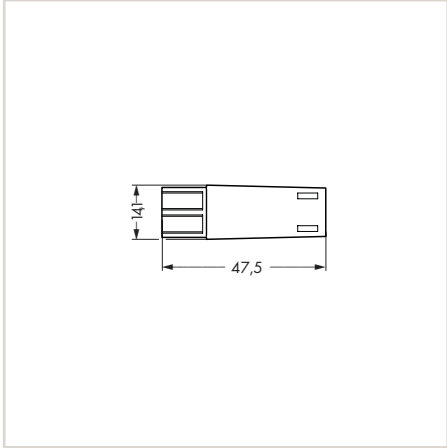
Dimensions (in mm):



Socket, with strain relief housing, for 5 ... 7 mm cable diameter, 23 mm strip length		
Color	Item No.	Pack. Unit
● green	893-1002	50
○ light gray	893-1022	50



Dimensions (in mm):



Plug, with strain relief housing, for 5 ... 7 mm cable diameter, 23 mm strip length		
Color	Item No.	Pack. Unit
● green	893-1012	50
○ light gray	893-1032	50

 Approvals, see www.wago.com
 Coding Overview, see page 360

Coding	Marking	Color
E	1+ 2-	● green
F	1+ 2-	○ light gray

WINSTA® KNX

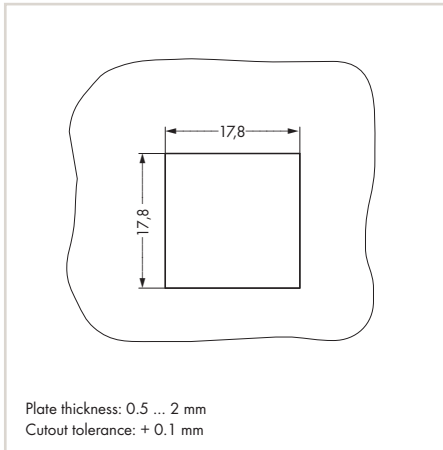
Snap-In Sockets and Plugs, 2-Pole

893 Series

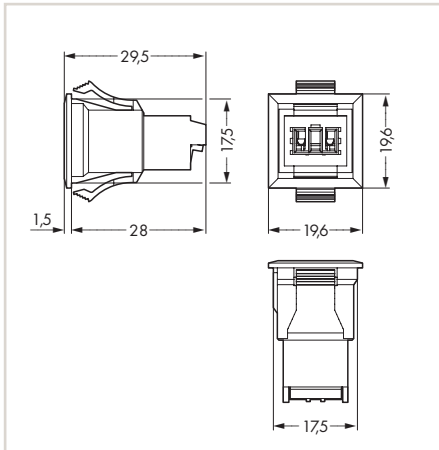
Conductor cross section	0.8 mm Ø
Rated voltage	50 V
Rated current	3 A
Strip length	9 mm / 0.35 inch



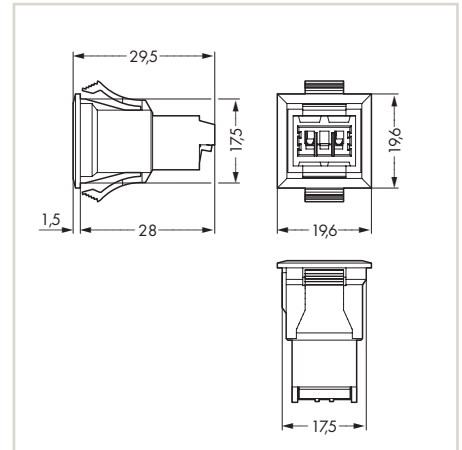
Dimensions (in mm):



Dimensions (in mm):



Dimensions (in mm):



Socket, for KNX applications

Color	Item No.	Pack. Unit
● green	893-2002	50

Socket, with special coding

Color	Item No.	Pack. Unit
○ light gray	893-2022	50

Plug, for KNX applications

Color	Item No.	Pack. Unit
● green	893-2012	50

Plug, with special coding

Color	Item No.	Pack. Unit
○ light gray	893-2032	50

Approvals,
see www.wago.com

Coding Overview,
see page 360

Coding

E

F

Marking

1+ 2-

1+ 2-

Color

● green

○ light gray

WINSTA® KNX

T-Distribution Connectors, 2-Pole

893 Series

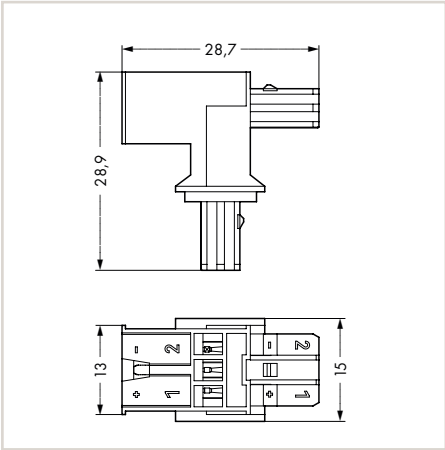


"Flying leads" using a T-distribution connector

Conductor cross section	0.8 mm Ø
Rated voltage	50 V
Rated current	3 A



Dimensions (in mm):



T-distribution connector, 1 x plug/2 x socket, for KNX applications

Color	Item No.	Pack. Unit
● green	893-1606	25

T-distribution connector, 1 x plug/2 x socket, with special coding

Color	Item No.	Pack. Unit
○ light gray	893-1656	25

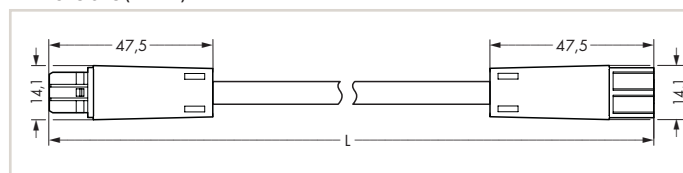
Coding	Marking	Color
E	1+ 2-	● green
F	1+ 2-	○ light gray

WINSTA® KNX**Cable Assemblies, 2 x 2 x 0.8 mm Ø****894 Series**

Conductor cross section	0.8 mm Ø
Rated voltage	50 V
Rated current	3 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):

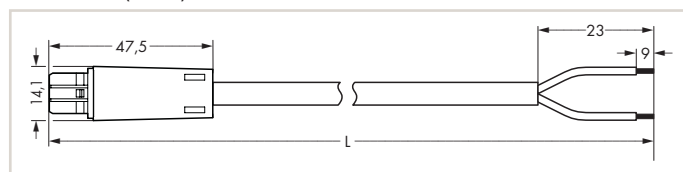


Interconnecting cable, socket – plug, PVC, E-coding		
Length	● green	Pack. Unit
1 m	894-8992/033-106	1
3 m	894-8992/033-306	1
5 m	894-8992/033-506	1

Interconnecting cable, socket – plug, halogen-free, E-coding		
Length	● green	Pack. Unit
1 m	894-8992/023-106	1
3 m	894-8992/023-306	1
5 m	894-8992/023-506	1



Dimensions (in mm):

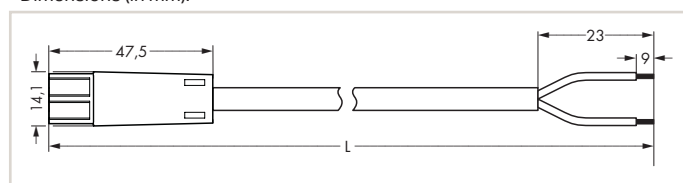


Connecting cable, socket – free end, PVC, E-coding		
Length	● green	Pack. Unit
1 m	894-8992/133-106	1
3 m	894-8992/133-306	1
5 m	894-8992/133-506	1

Connecting cable, socket – free end, halogen-free, E-coding		
Length	● green	Pack. Unit
1 m	894-8992/123-106	1
3 m	894-8992/123-306	1
5 m	894-8992/123-506	1



Dimensions (in mm):



Connecting cable, plug – free end, PVC, E-coding		
Length	● green	Pack. Unit
1 m	894-8992/233-106	1
3 m	894-8992/233-306	1
5 m	894-8992/233-506	1

Connecting cable, plug – free end, halogen-free, E-coding		
Length	● green	Pack. Unit
1 m	894-8992/223-106	1
3 m	894-8992/223-306	1
5 m	894-8992/223-506	1

Additional cable lengths available upon request.

 Approvals,
see www.wago.com

 Coding Overview,
see page 360

Coding	Marking	Color
E	1+ 2-	● green

WINSTA® KNX

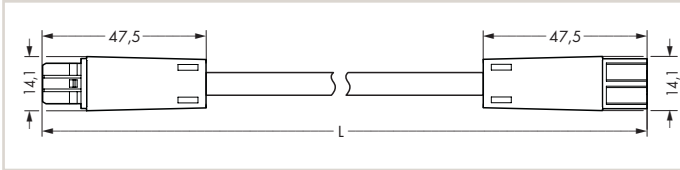
Cable Assemblies, 2 x 2 x 0.8 mm Ø

894 Series

Conductor cross section	0.8 mm Ø
Rated voltage	50 V
Rated current	3 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):

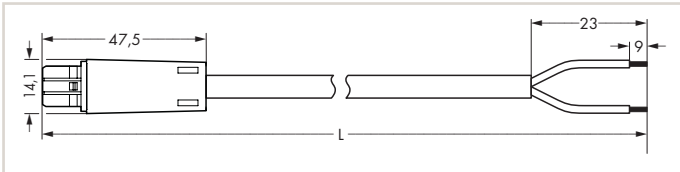


Interconnecting cable, socket – plug, PVC, F-coding		
Length	○ light gray	Pack. Unit
1 m	894-8992/033-107	1
3 m	894-8992/033-307	1
5 m	894-8992/033-507	1

Interconnecting cable, socket – plug, halogen-free, F-coding		
Length	○ light gray	Pack. Unit
1 m	894-8992/023-107	1
3 m	894-8992/023-307	1
5 m	894-8992/023-507	1



Dimensions (in mm):

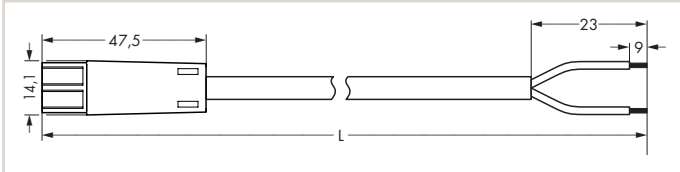


Connecting cable, socket – free end, PVC, F-coding		
Length	○ light gray	Pack. Unit
1 m	894-8992/133-107	1
3 m	894-8992/133-307	1
5 m	894-8992/133-507	1

Connecting cable, socket – free end, halogen-free, F-coding		
Length	○ light gray	Pack. Unit
1 m	894-8992/123-107	1
3 m	894-8992/123-307	1
5 m	894-8992/123-507	1



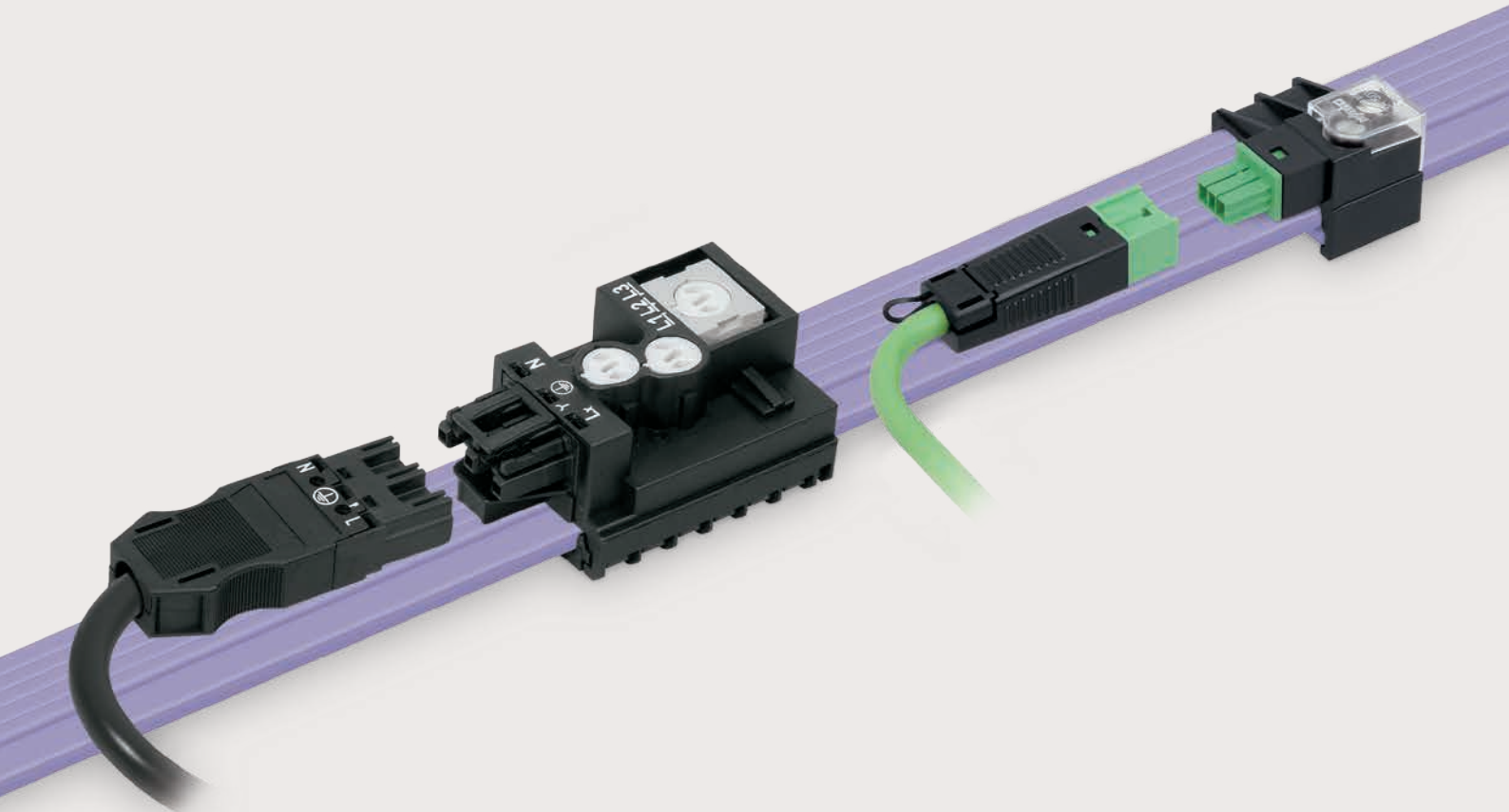
Dimensions (in mm):



Connecting cable, plug – free end, PVC, F-coding		
Length	○ light gray	Pack. Unit
1 m	894-8992/233-107	1
3 m	894-8992/233-307	1
5 m	894-8992/233-507	1

Connecting cable, plug – free end, halogen-free, F-coding		
Length	○ light gray	Pack. Unit
1 m	894-8992/223-107	1
3 m	894-8992/223-307	1
5 m	894-8992/223-507	1

Coding	Marking	Color
F	1+ 2-	○ light gray



WINSTA® IDC

Important note:

The WINSTA® IDC system consists of the flat cables and the appropriate WINSTA® connection components that are described in this catalog and marked with "WAGO."

WAGO warrants the fault-free function of the WINSTA® IDC system only where original WINSTA® components are utilized.

Notice:

Only use identically coded supply and tap-off modules on the same cable!

- A- and P-coding (N ⊕ L1 L2 L3) are designed for a 400 V three-phase current cable configuration.
- I-coding (N ⊕ L DA- DA+) is designed for up to 230 V and dimming cable configurations.
- B-coding (N ⊕ L1 L2 L3) is designed for custom cable configurations.

Only modules with the same pole marking shall be used within an application.

WINSTA® IDC

for Flat Cables up to 16 mm²

772 / 893 / 895 / 896 Series

- Note:
- Installation connectors are designed for connection and disconnection while not under load.
 - There is no hazard-inducing interchangeability with systems based on IEC 60309, IEC 60320, IEC 60906 and with national connector and socket systems.
 - Installation connector systems are not a substitute for residential connector/socket systems.
 - WINSTA® IDC Connectors are not intended for installation in open or easily accessible areas.

		Page
	IDC Modules for Flat Cables	
	5 x 2.5 mm ² / 5 x 4 mm ² / 5 x 2.5 mm ² + 2 x 1.5 mm ² , 772 Series	
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	5 x 4 mm ²	289
	5 x 10 mm ²	301
	5 x 16 mm ²	303

WINSTA® IDC

Technical Data, 3- and 5-Pole

772 Series



Connection Data

Connection technology	Push-in CAGE CLAMP®
Solid conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Solid conductor, push-in termination	1.5 ... 4 mm² / 16 ... 12 AWG
Stranded conductor	0.5 ... 2.5 mm² / 20 ... 14 AWG
Fine-stranded conductor	0.5 ... 4 mm² / 20 ... 12 AWG
Fine-stranded conductor with uninsulated ferrule	0.25 ... 2.5 mm² / 20 ... 14 AWG
Fine-stranded conductor with insulated ferrule	0.25 ... 1.5 mm² / 20 ... 16 AWG
Strip length	9 mm / 0.35 inch (see also packaging or instructions)

Electrical Data

Rated voltage (III / 3)	
3-pole	250 V
5-pole	400 V
Rated surge voltage (III / 3)	
3-pole	4 kV
5-pole	6 kV
Rated current	
3-pole	25 A
5-pole	25 A
Clearances and creepage distances	≥ 5.5 mm
Contact resistance	approx. 1 mΩ contact resistance approx. 0.25 mΩ contact transition socket / plug
Number of potentials	
3-pole	3
5-pole	5
Number of connection points	
3-pole	6
5-pole	10

Mechanical Data

Mating cycles	200, without resistive load 100, with resistive load $I_N = 25$ A (4 mm²)
Mating forces	30 ... 70 N (depending on pole number)
Unmating forces	30 ... 70 N (depending on pole number) when unlocked
Retention forces	> 80 N (locked)
Cable diameter	
3-pole	8 ... 11.5 mm
5-pole	9 ... 13 mm
Protection type	IP2xC (with strain relief housing) Note: These compact connectors are not designed for use in open, easily accessible areas.
Continuous operating temperature	-35 ... ≤ +85 °C PVC cable ≤ +70 °C (incl. halogen-free) Insulating parts ≤ +105 °C

Mismating Protection

All WINSTA® components are 100 % protected against mismating when:

- Plugging different number of poles
- Plugging when rotated by 180°
- Plugging when laterally staggered
- Plugging one pole

Locking Levers

All versions are factory-equipped with locking levers to ensure plugs and sockets are securely locked.

Material Data

Insulating parts	Polyamide (PA 66), halogen-free
Contacts	Copper or copper alloy, surface-treated
Clamping spring	Stainless steel (Cr-Ni)
Flammability class (per UL 94)	V0

 772 Series Accessories,
see page 348

 Approvals,
see www.wago.com

 Coding Overview,
see page 360

Standards/Approvals

- UL

WINSTA® IDC

Installation

772 Series



Insert flat cable into base (observe coding!).



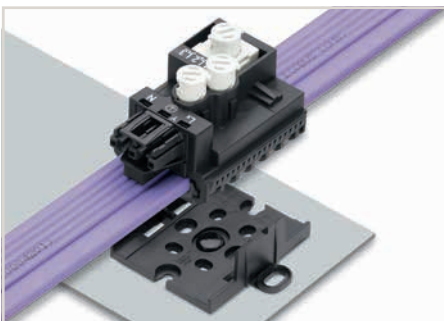
Mount IDC module flush with the base. Should the IDC module jam during mounting, turn the upper part by 180° and remount it.



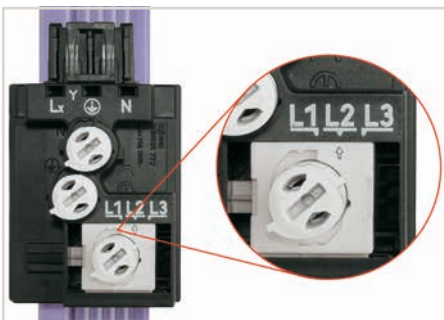
Screw down contact elements until element stops.



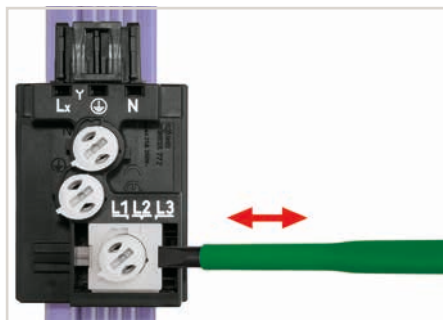
The mounting plate can be centrally mounted, or attached via outboard attachment points using 770-601 Mounting Pins.



The distribution connectors snap together when attached to the mounting plate.



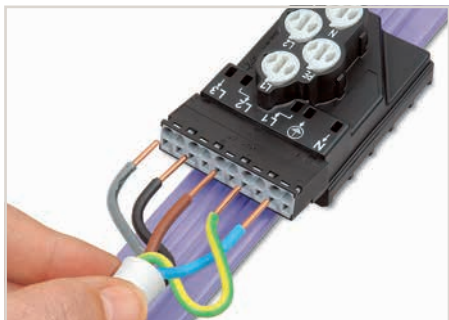
The phase selector is in position L2 (center) when delivered.



Move the phase selector into position L1 or L3 if required.



After connecting the flat cable, the IDC module is locked and can no longer be moved, even after unscrewing the contact element.



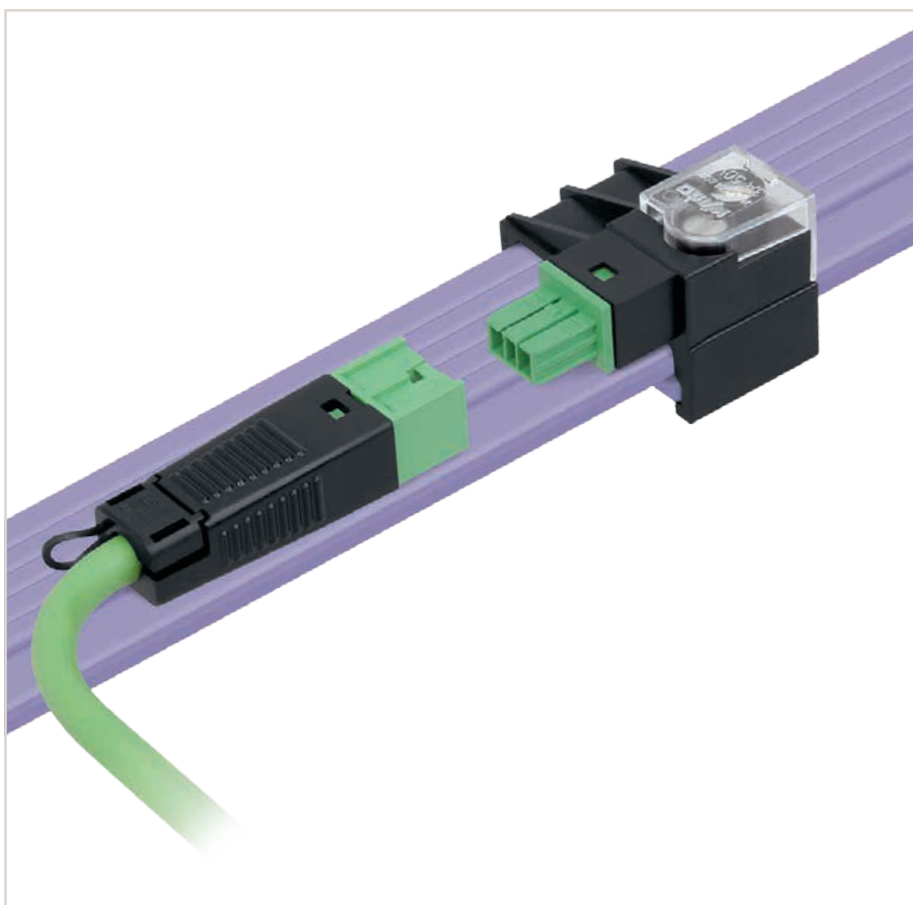
Connecting an installation cable to the supply module: Simply push stripped, solid conductors into unit. Open clamp via screwdriver to insert stripped, fine-stranded conductors.



Secure supply cable via strain relief housing.



Tighten strain relief screw using a screwdriver.



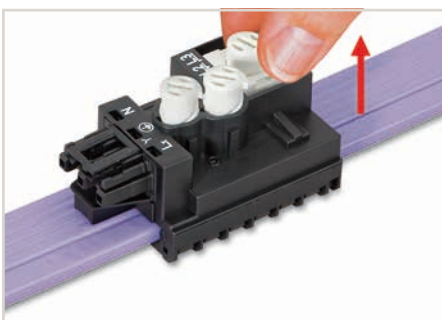
Tighten the screws to connect the flat cable. Observe 1 Nm of tightening torque!



Snap the transparent protective cover onto the module.



Notice: Should it be necessary to tap another phase, this must be done in a different location. To do so, the contact elements must be unscrewed and brought back to their original position.



Lift contact element to unlock phase selector and select the new phase. Notice: Do not reuse in the same location of the flat cable.



After removing the module, the contact holes in the flat cable must be sealed using insulating tape.

WINSTA® IDC

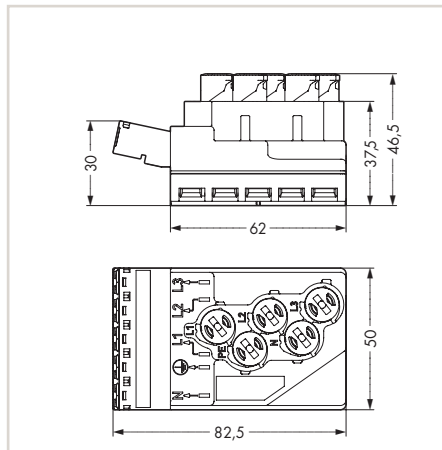
Supply Modules, 5-Pole

772 Series

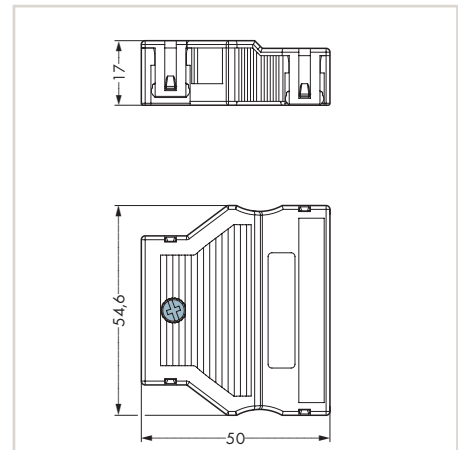
Conductor range	0.5 ... 4 mm ² / 20 ... 12 AWG
Rated voltage	400 V
Rated current	25 A
Strip length	9 mm / 0.35 inch



Dimensions (in mm):



Dimensions (in mm):



Supply module, with strain relief housing,
for two cables, 9 ... 13 mm cable diameter,
55 mm strip length

Color	Item No.	Pack. Unit
black	772-261	10
gray	772-264/060-000	10
red	772-267	10
blue	772-271	10

Notice:

Only use identically coded supply and tap-off modules on the same cable!

- A- and P-coding (N ⊕ L1 L2 L3) are designed for a 400 V three-phase current cable configuration.
- I-coding (N ⊕ L DA- DA+) is designed for up to 230 V and dimming cable configurations.
- B-coding (N ⊕ L1 L2 L3) is designed for custom cable configurations. Only modules with the same pole marking shall be used within an application.

Suitable flat cables,
see page 288

772 Series Accessories,
see page 348

Approvals,
see www.wago.com

Coding Overview,
see page 360

WINSTA® IDC

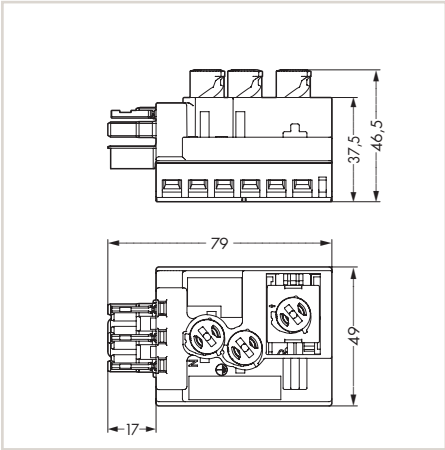
Tap-Off Modules, 3- and 5-Pole

772 Series

Rated voltage	250 V / 400 V
Rated current	25 A



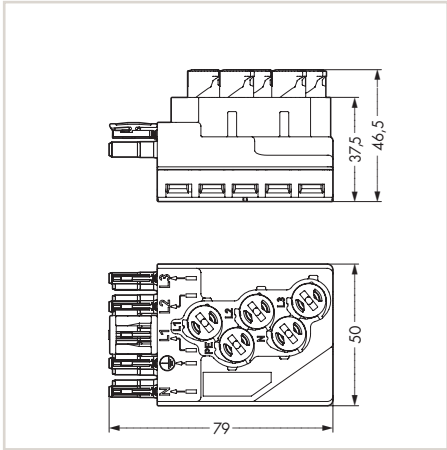
Dimensions (in mm):



Tap-off module, with phase selection, 3-pole, for WINSTA® MIDI plug-in and distribution connectors, supply position L2		
Color	Item No.	Pack. Unit
● black	772-263	10
● gray	772-266/060-000	10
● red	772-269	10



Dimensions (in mm):



Tap-off module, 5-pole, for WINSTA® MIDI plug-in and distribution connectors		
Color	Item No.	Pack. Unit
● black	772-262	10
● gray	772-265/060-000	10
● red	772-268	10
● blue	772-272	10

WINSTA® IDC

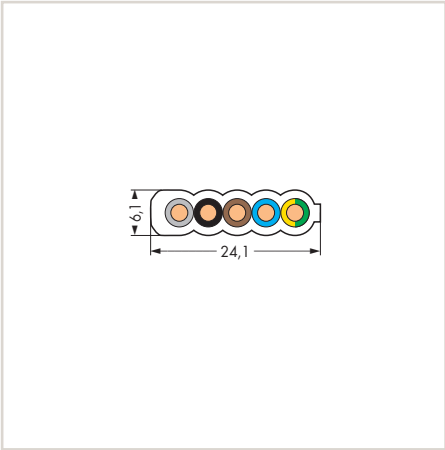
Flat Cables, 5 x 2.5 mm²

897 Series

Conductor range	5 x 2.5 mm²
Rated voltage	600 V / 1000 V



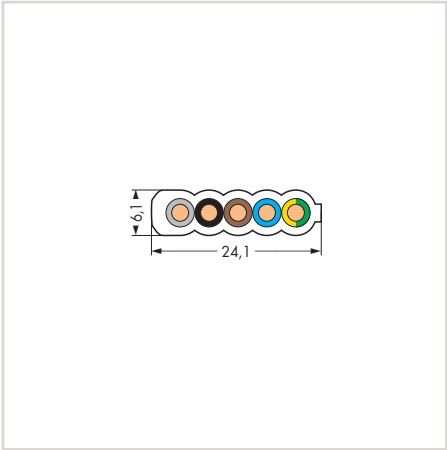
Dimensions (in mm):



Flat cable, 5 x 2.5 mm², halogen-free		
Color	Item No.	
light green	897-252	



Dimensions (in mm):



Flat cable, 5 x 2.5 mm², PVC		
Color	Item No.	
light green	897-251	

- 897 Series Accessories, see page 350
- Approvals, see www.wago.com

WINSTA® IDC

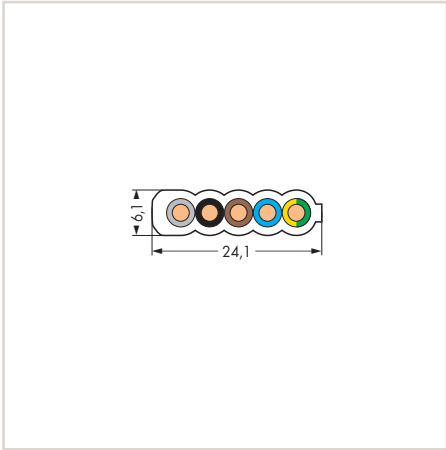
Flat Cables, 5 x 4 mm² and 5 x 2.5 mm² + 2 x 1.5 mm²

897 Series

Conductor range	5 x 4 mm² / 5 x 2.5 mm² + 2 x 1.5 mm²
Rated voltage	600 V / 1000 V



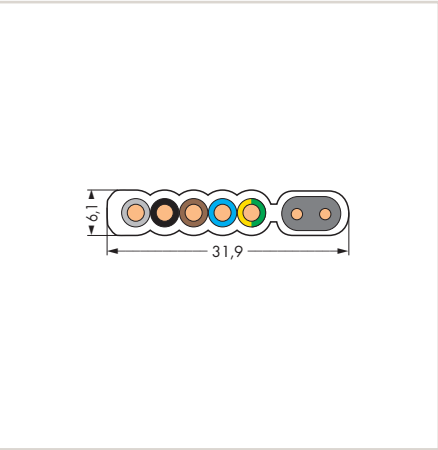
Dimensions (in mm):



Flat cable, 5 x 4 mm², halogen-free		
Color	Item No.	
black	897-453	



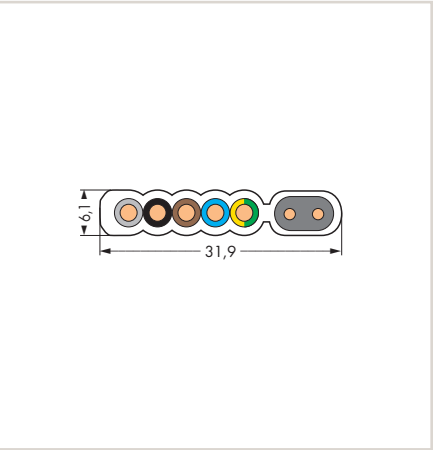
Dimensions (in mm):



Flat cable, 5 x 2.5 mm² + 2 x 1.5 mm², halogen-free		
Color	Item No.	
violet	897-262	



Dimensions (in mm):



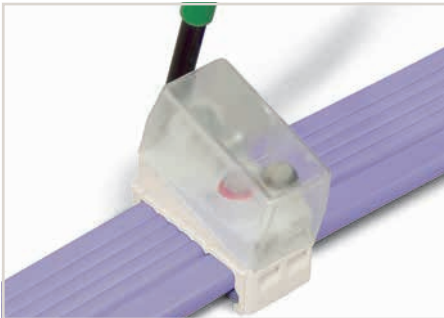
Flat cable, 5 x 2.5 mm² + 2 x 1.5 mm², PVC		
Color	Item No.	
violet	897-261	

WINSTA® IDC

Supply Modules, 2-Pole, for 5 x 2.5 mm² + 2 x 1.5 mm² Flat Cables 893 Series



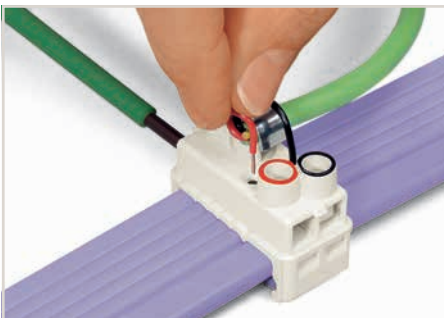
The IDC module can only be mounted if the two codings match each other. Should the IDC module jam during mounting, turn the module by 180° and remount it, flush with the base.



Remove transparent cover using a screwdriver.



Tighten the screws that are marked in red and black to connect the flat cable. Observe 1 Nm of tightening torque!



Secure bus cable via strain relief and terminate stripped conductors as shown in the picture.

Conductor range

0.5 ... 1.5 mm²

Rated voltage

50 V

Rated current

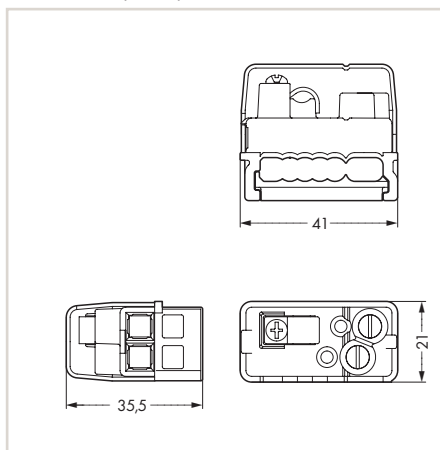
3 A

Strip length

9 mm / 0.35 inch



Dimensions (in mm):



Supply module, with screw connection,
1 Nm tightening torque

Color	Item No.	Pack. Unit
light gray	893-261	25

Suitable flat cables,
see page 292

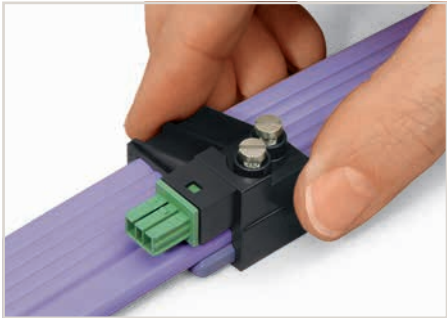
Approvals,
see www.wago.com

Coding Overview,
see page 361

WINSTA® IDC

Tap-Off Modules, 2-Pole, for 5 x 2.5 mm² + 2 x 1.5 mm² Flat Cables

893 Series



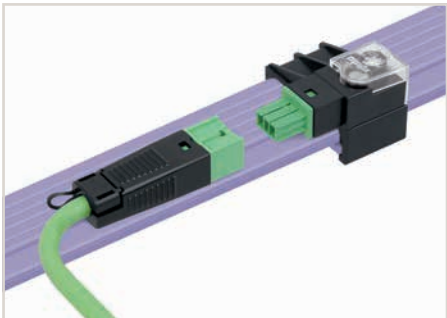
The IDC module can only be mounted if the two codings match each other. Should the IDC module jam during mounting, turn the module by 180° and remount it, flush with the base.



Tighten the screws to connect the flat cable. Observe 1 Nm of tightening torque!



Snap the transparent protective cover onto the module.



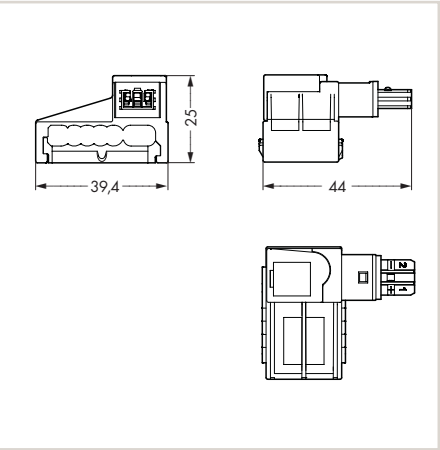
Connect the cable assembly to the module.

Rated voltage	50 V
Rated current	3 A

50 V
3 A



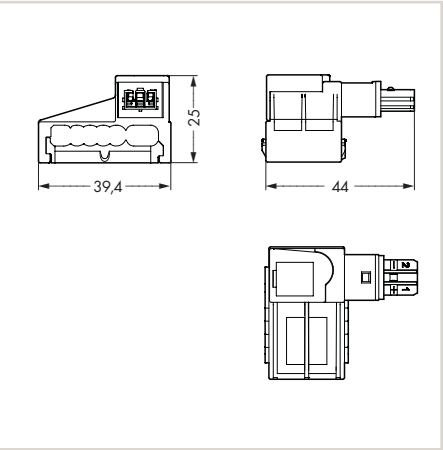
Dimensions (in mm):



Tap-off module, with screw connection, for connectors and cable assemblies, E-coding, KNX, 1 Nm tightening torque		
Color	Item No.	Pack. Unit
● green	893-262	25



Dimensions (in mm):



Tap-off module, with screw connection, for connectors and cable assemblies, F-coding, 1 Nm tightening torque		
Color	Item No.	Pack. Unit
○ light gray	893-269	25

Coding
E
F

Marking
1+ 2-
1+ 2-

Color
● green
○ light gray

WINSTA® IDC

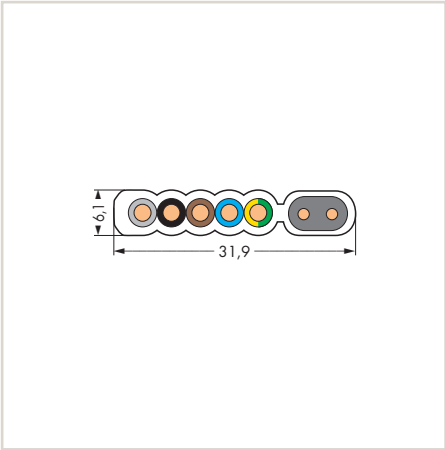
Flat Cables, 5 x 2.5 mm² + 2 x 1.5 mm²

897 Series

Conductor range	5 x 2.5 mm² + 2 x 1.5 mm²
Rated voltage	600 V / 1000 V



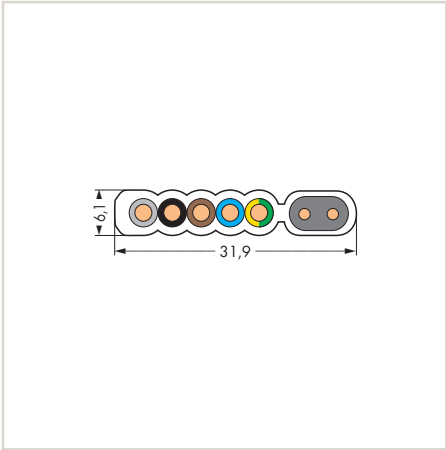
Dimensions (in mm):



Flat cable, 5 x 2.5 mm² + 2 x 1.5 mm², halogen-free		
Color	Item No.	
violet	897-262	



Dimensions (in mm):



Flat cable, 5 x 2.5 mm² + 2 x 1.5 mm², PVC		
Color	Item No.	
violet	897-261	

WINSTA® IDC

Supply Modules, 2-Pole, for 2 x 1.5 mm² Flat Cables 893 Series



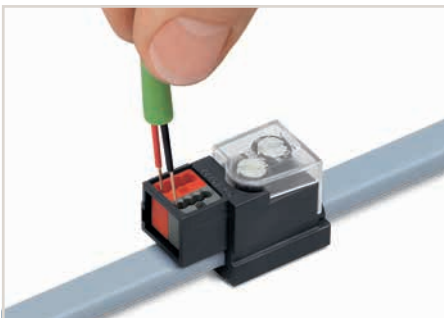
The IDC module can only be mounted if the two codings match each other. Should the IDC module jam during mounting, turn the module by 180° and remount it, flush with the base.



Tighten the screws to connect the flat cable. Observe 1 Nm of tightening torque!



Snap the transparent protective cover onto the module.



Terminate stripped, solid conductors by simply pushing them into unit until they hit backstop.

Conductor range

0.5 ... 1.5 mm²

Rated voltage

50 V

Rated current

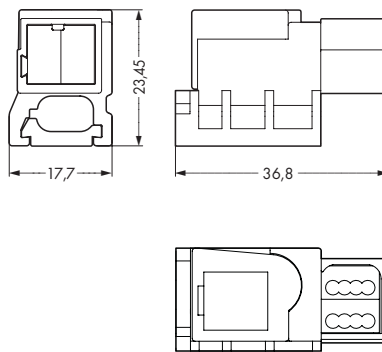
3 A

Strip length

9 mm / 0.35 inch



Dimensions (in mm):



Supply module, with screw connection,
1 Nm tightening torque

Color	Item No.	Pack. Unit
black	893-121	50

 Suitable flat cables,
see page 296

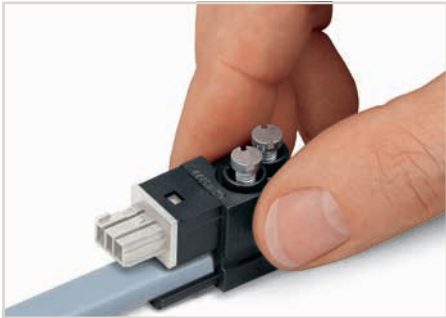
 Approvals,
see www.wago.com

 Coding Overview,
see page 361

WINSTA® IDC

Tap-Off Modules, 2-Pole, for 2 x 1.5 mm² Flat Cables

893 Series



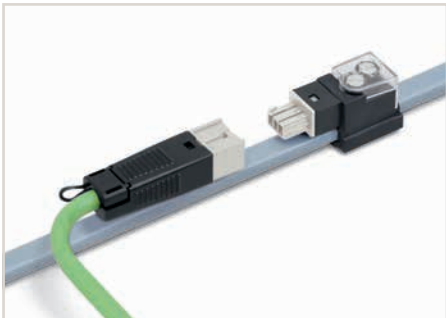
The IDC module can only be mounted if the two codings match each other. Should the IDC module jam during mounting, turn the module by 180° and remount it, flush with the base.



Tighten the screws to connect the flat cable. Observe 1 Nm of tightening torque!



Snap the transparent protective cover onto the module.



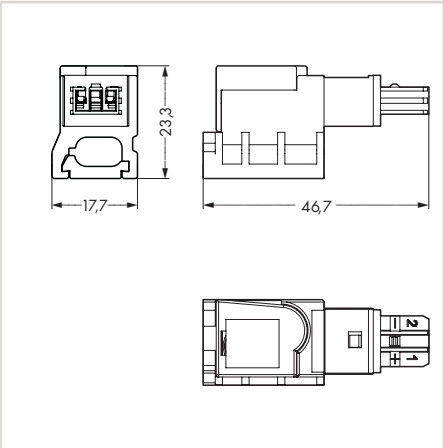
Connect the cable assembly to the module.

Rated voltage
Rated current

50 V
3 A



Dimensions (in mm):

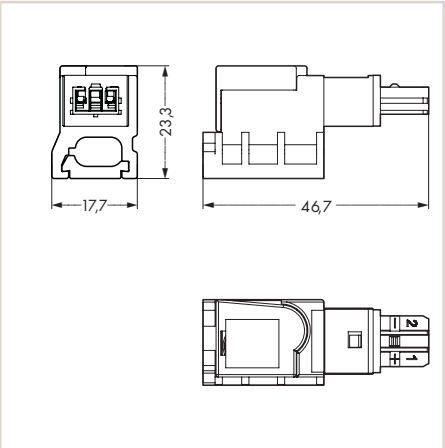


Tap-off module, with screw connection, for connectors and cable assemblies, E-coding, KNX, 1 Nm tightening torque

Color	Item No.	Pack. Unit
● green	893-122	50



Dimensions (in mm):



Tap-off module, with screw connection, for connectors and cable assemblies, F-coding, 1 Nm tightening torque

Color	Item No.	Pack. Unit
○ light gray	893-129	50

Coding
E
F

Marking
1+ 2-
1+ 2-

Color
● green
○ light gray

WINSTA® IDC

Flat Cables, 2 x 1.5 mm²

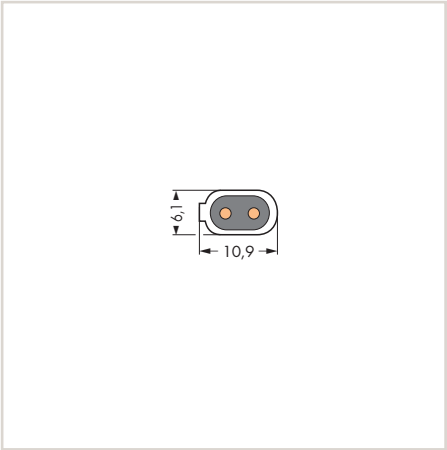
897 Series

Conductor range
Rated voltage

2 x 1.5 mm²
50 V



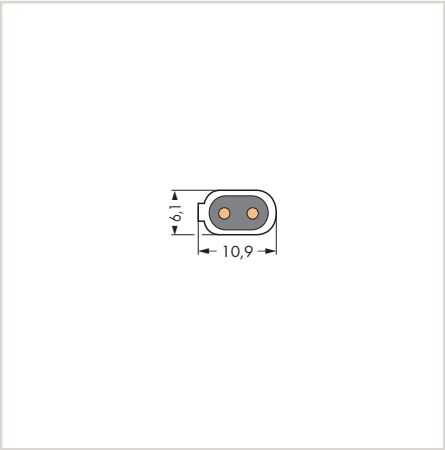
Dimensions (in mm):



Flat cable, 2 x 1.5 mm², halogen-free		
Color	Item No.	
light gray	897-122	



Dimensions (in mm):



Flat cable, 2 x 1.5 mm², PVC		
Color	Item No.	
light gray	897-121	

WINSTA® IDC**Supply and Tap-Off Modules, 3-Pole, for 3 x 2.5 mm² Flat Cables**
896 Series

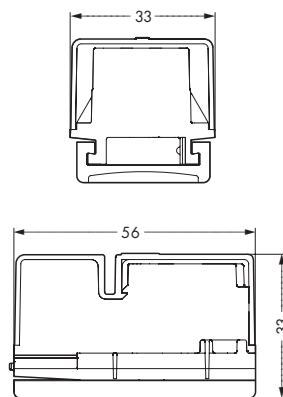
Position the base and tighten screw, if necessary. Insert flat cable accurately. The key in the base must match the groove in the cable insulation.

Conductor range
Rated voltage
Rated current

3 x 2.5 mm ²
250 V
24 A



Dimensions (in mm):

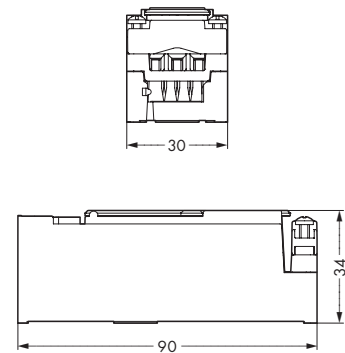


Supply module, with screw connection,
0.7 Nm tightening torque,
Phillips no. 1 screwdriver

Color	Item No.	Pack. Unit
light gray	896-231	10



Dimensions (in mm):



Tap-off module, with screw connection,
0.7 Nm tightening torque,
Phillips no. 1 screwdriver

Color	Item No.	Pack. Unit
light gray	896-232	10



Cut outgoing feeder cable, completely strip and insert conductors. Tighten screws firmly (observe 0.7 Nm of tightening torque).



Insert upper part into base until it hits the stop (which will click when engaged). Push down and lock lever. All three cores are contacted simultaneously.

Suitable flat cables,
see page 299

Approvals,
see www.wago.com

WINSTA® IDC

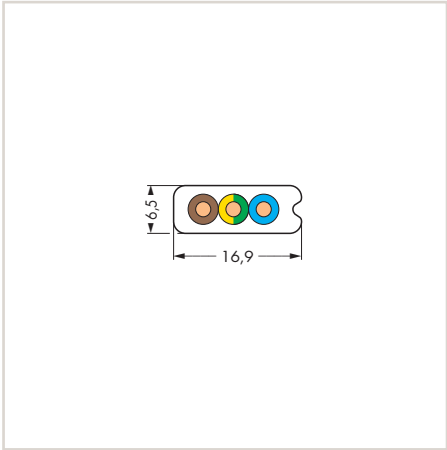
Flat Cable, 3 x 2.5 mm², Pre-Assembled Tap-Off Module

896 / 897 Series

Conductor range	3 x 2.5 mm²
Rated voltage	250 V



Dimensions (in mm):

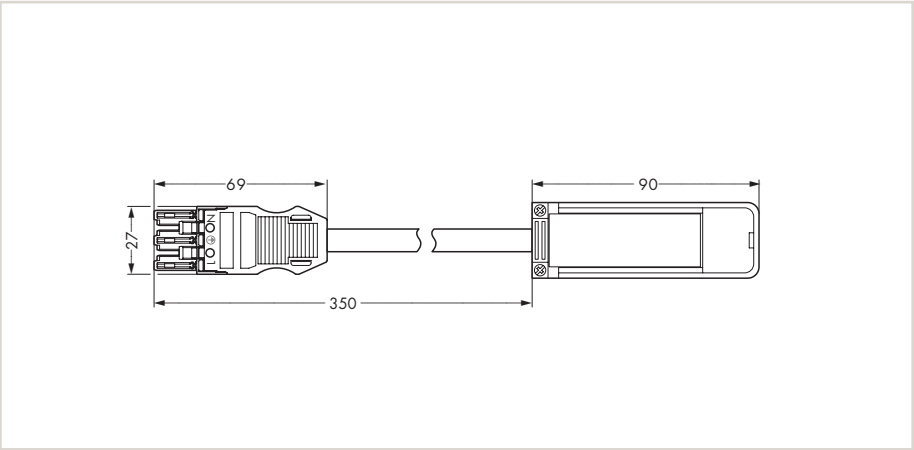


Flat cable, 5 x 2.5 mm², PVC		
Color	Item No.	
light gray	897-231	

Flat cable, 5 x 2.5 mm², halogen-free		
Color	Item No.	
light gray	897-232	



Dimensions (in mm):



Tap-off module, fitted with WINSTA® MIDI Socket (A-coding), with H05VV-F cable, 35 cm long, 3 x 2.5 mm²			
Color	Item No.	Pack. Unit	
● black	896-233	10	
○ white	896-234	10	

Coding	Marking	Color
A	L ⊕ N	● black
A	L ⊕ N	○ white

WINSTA® IDC**POWERBLOCK 10, Supply and Tap-Off Modules, 5-Pole, for 5 x 10 mm² Flat Cables 895 Series**

Cut both sides of the flat cable insulation using a stripping knife (observe 30 mm of cutting length).



Cut off insulation via cutter.



Push end cover fully onto the conductor ends.

Conductor range

Rated voltage

Rated current

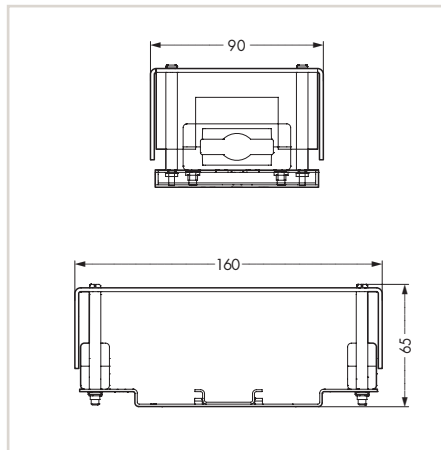
5 x 4 mm² / 5 x 10 mm²

690 V / 750 V

32 A / 57 A



Dimensions (in mm):

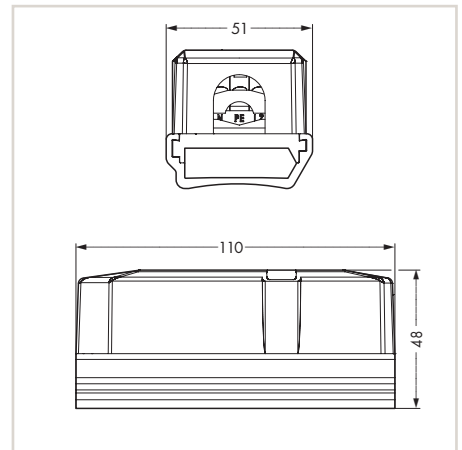


Supply module, with Push-in CAGE CLAMP® Connection, with TOPJOB® S Rail-Mount Terminal Blocks

Color	Item No.	Pack. Unit
transparent	895-1051	2



Dimensions (in mm):



Tap-off module, with CAGE CLAMP® Connection and spring clamp connection, 0.7 Nm tightening torque

Color	Item No.	Pack. Unit
light gray	895-1052	25

WINSTA® IDC

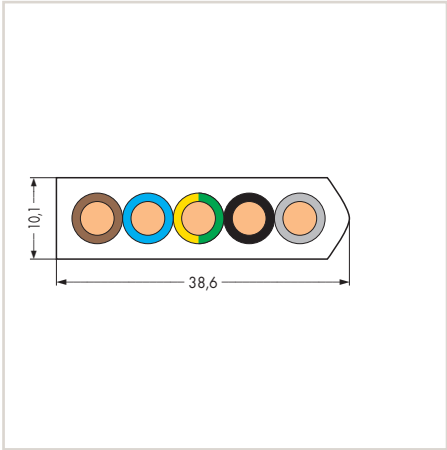
Flat Cable, 5 x 10 mm², Pre-Assembled Tap-Off Module

895 / 897 Series

Conductor range	5 x 10 mm²
Rated voltage	600 V / 1000 V



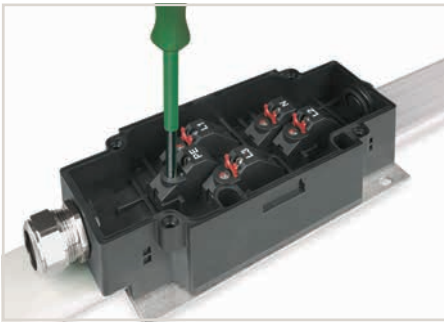
Dimensions (in mm):



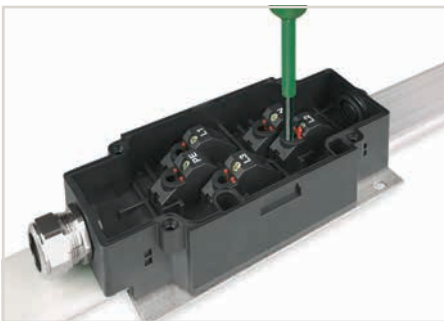
Flat cable, 5 x 10 mm², PVC		
Color	Item No.	
light gray	897-1051	

The 895-1652 Tap-Off Module is also available with a pre-assembled WINSTA® MIDI Connector. For item number and delivery time, please contact the factory.

Flat cable, 5 x 10 mm², halogen-free		
Color	Item No.	
light gray	897-1052	

WINSTA® IDC**POWERBLOCK 16, Supply and Tap-Off Modules, 5-Pole, for 5 x 16 mm² Flat Cables
895 Series**

Tighten the screws to the stop to connect the flat cable (observe the tightening torque!)



Red contact clips confirm that the contacts are made correctly when they are flush with the terminals.

Conductor range

Rated voltage

Rated current

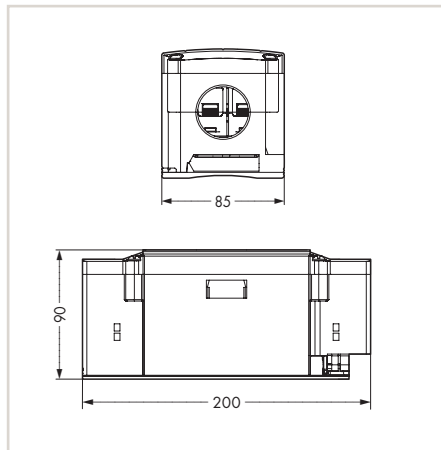
5 x 6 mm² / 5 x 16 mm²

690 V

41 A / 76 A



Dimensions (in mm):

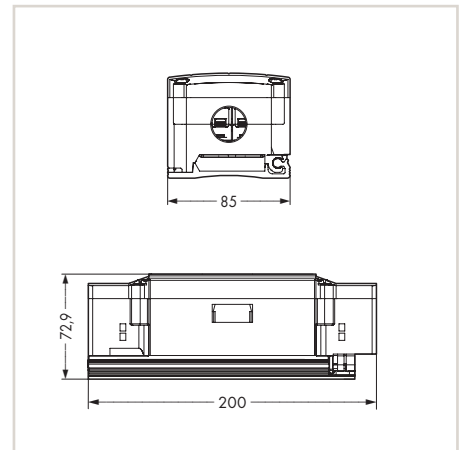


Supply module, with screw connection, can also be used as tap-off, 3.5 Nm tightening torque

Color	Item No.	Pack. Unit
black	895-1651	1



Dimensions (in mm):



Tap-off module, with screw connection, with two 5 x 6 mm² outputs, 2 Nm tightening torque

Color	Item No.	Pack. Unit
black	895-1652	5

WINSTA® IDC

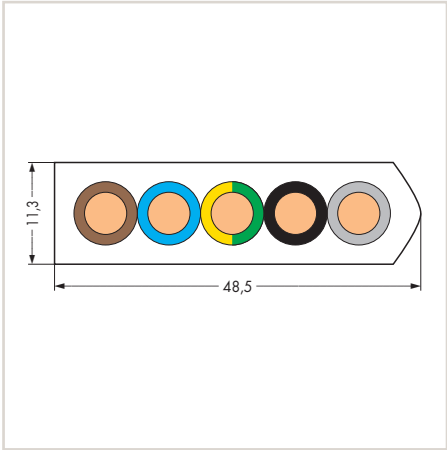
Flat Cable, 5 x 16 mm², Pre-Assembled Tap-Off Module

895 / 897 Series

Conductor range	5 x 16 mm²
Rated voltage	600 V / 1000 V



Dimensions (in mm):



Flat cable, 5 x 16 mm², PVC		
Color	Item No.	
light gray	897-1651	

The 895-1652 Tap-Off Module is also available with a pre-assembled WINSTA® MAXI Connector. For item number and delivery time, please contact the factory.

Flat cable, 5 x 16 mm², halogen-free		
Color	Item No.	
light gray	897-1652	



WINSTA® Boxes

WINSTA® Boxes
899 Series



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899 Series	
Single-Phase Current (230 V)	307
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WINSTA® Boxes

Description and Installation

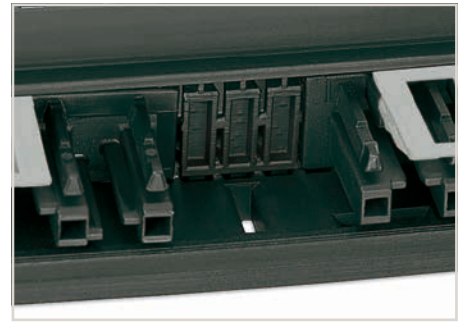
899 Series



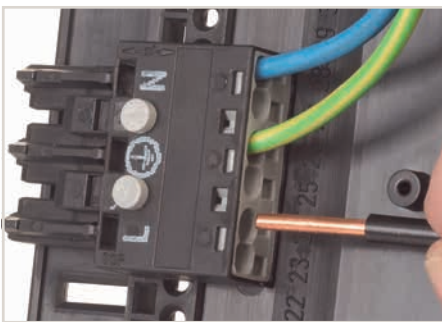
The set includes: 1 bottom, 1 lid, 2 sidewalls and 16 mounting pins.



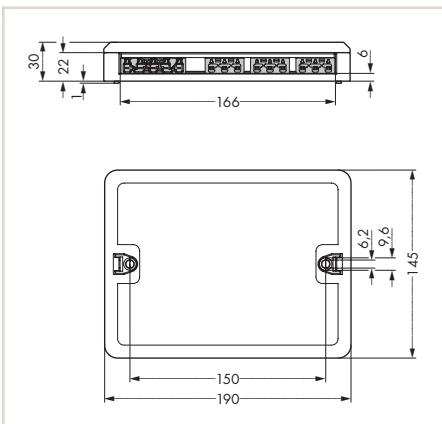
Remove unrequired areas from the sidewalls.



Unassigned slots and spaces are closed by inserting a sidewall.



Solid conductors are terminated via push-in termination, while stranded and fine-stranded conductors are inserted using an operating tool.



Dimensions of a WINSTA® Distribution Box



Securing the mounting plate with WINSTA® Distribution Box to the wall (e.g., via stud gun).



Adapter for WINSTA® MINI and WINSTA® MINI special connectors



Custom-made WINSTA® Distribution Box

WINSTA® Boxes

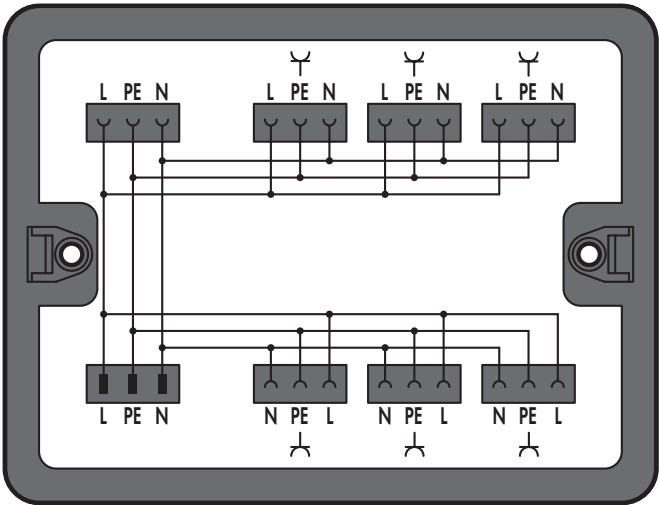
Distribution, Single-Phase Current (230 V)

1 Input, 7 Outputs, A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box duplicates the outputs of a 3-pole, single-phase cable.

Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm²



Distribution box, single-phase current (230 V)		
Color	Item No.	Pack. Unit
● black	899-631/104-000	1

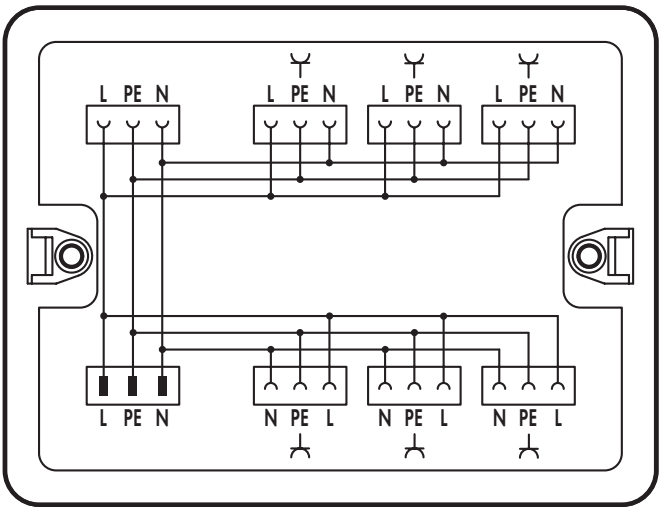
Distribution, Single-Phase Current (230 V)

1 Input, 7 Outputs, A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box duplicates the outputs of a 3-pole, single-phase cable.

Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm²



Distribution box, single-phase current (230 V)		
Color	Item No.	Pack. Unit
○ white	899-681/104-000	1

- 899 Series Accessories, see page 347
- Approvals, see www.wago.com
- Coding Overview, see page 360

WINSTA® Boxes**Distribution, Single-Phase Current (230 V)****1 Input, 7 Outputs, P-Coding, WINSTA® MIDI****Description**

This WINSTA® Distribution Box duplicates the outputs of a 3-pole, single-phase cable.

Technical Data

Rated voltage (III / 3)

250 V

Rated surge voltage (III / 3)

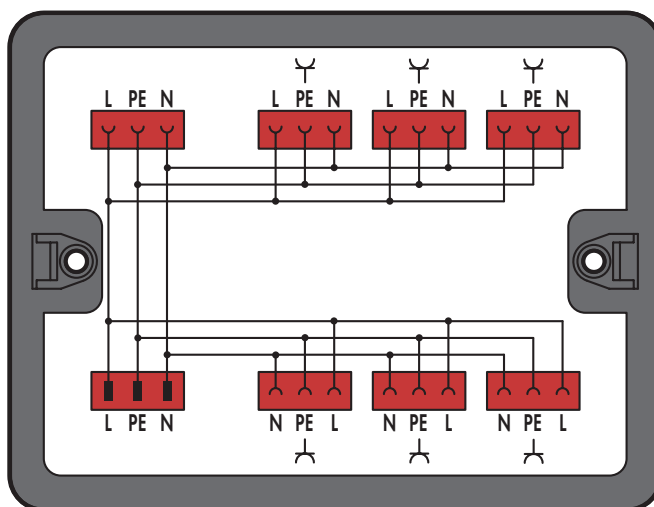
4 kV

Rated current

25 A

Internal wiring

4 mm²



Distribution box, single-phase current (230 V)

Color	Item No.	Pack. Unit
● black	899-631/330-000	1

Distribution, Single-Phase Current (230 V)**1 Input, 6 Outputs, A-Coding, WINSTA® MIDI****Description**

This WINSTA® Distribution Box duplicates the outputs of a 3-pole, single-phase cable.

Technical Data

Rated voltage (III / 3)

250 V

Rated surge voltage (III / 3)

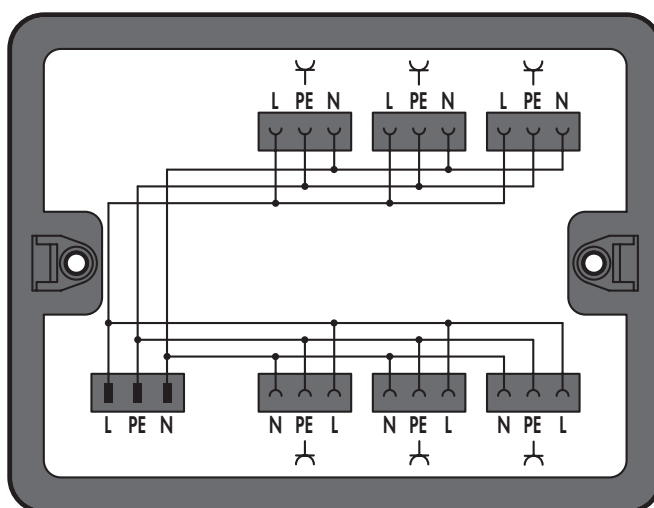
4 kV

Rated current

25 A

Internal wiring

4 mm²



Distribution box, single-phase current (230 V)

Color	Item No.	Pack. Unit
● black	899-631/140-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

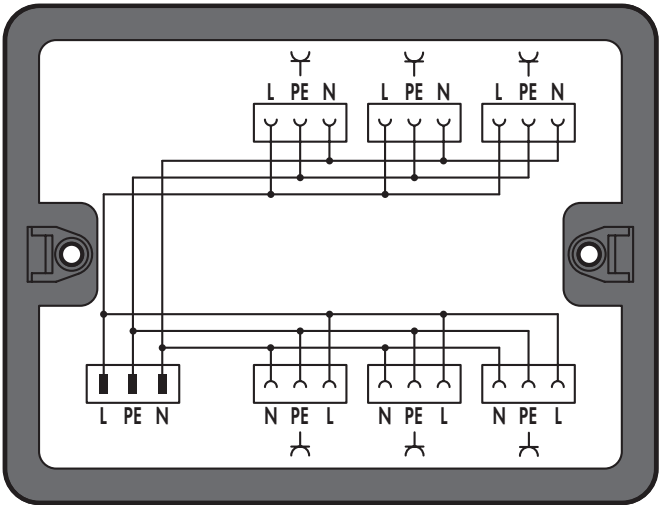
Coding Overview,
see page 360

WINSTA® Boxes

Distribution, Single-Phase Current (230 V)

1 Input, 6 Outputs, A-Coding, WINSTA® MIDI

Description
This WINSTA® Distribution Box duplicates the outputs of a 3-pole, single-phase cable.
Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm²

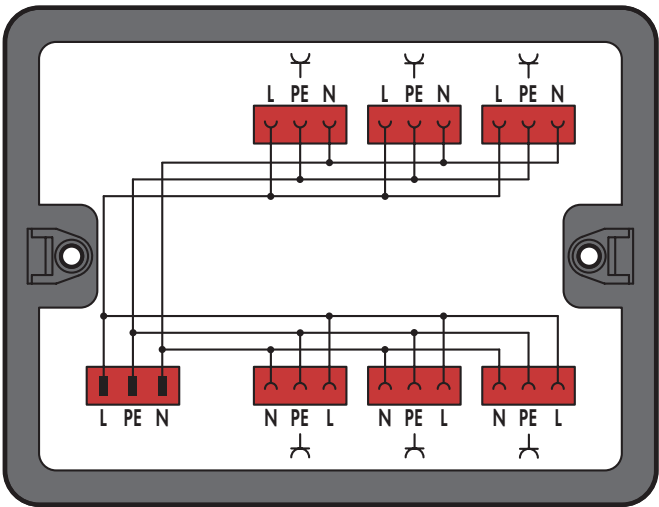


Distribution box, single-phase current (230 V)		
Color	Item No.	Pack. Unit
● black	899-631/395-000	1

Distribution, Single-Phase Current (230 V)

1 Input, 6 Outputs, P-Coding, WINSTA® MIDI

Description
This WINSTA® Distribution Box duplicates the outputs of a 3-pole, single-phase cable.
Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm²



Distribution box, single-phase current (230 V)		
Color	Item No.	Pack. Unit
● black	899-631/331-000	1

WINSTA® Boxes

Distribution, Single-Phase Current (230 V) 1 Input, 13 Outputs, A-Coding, WINSTA® MIDI

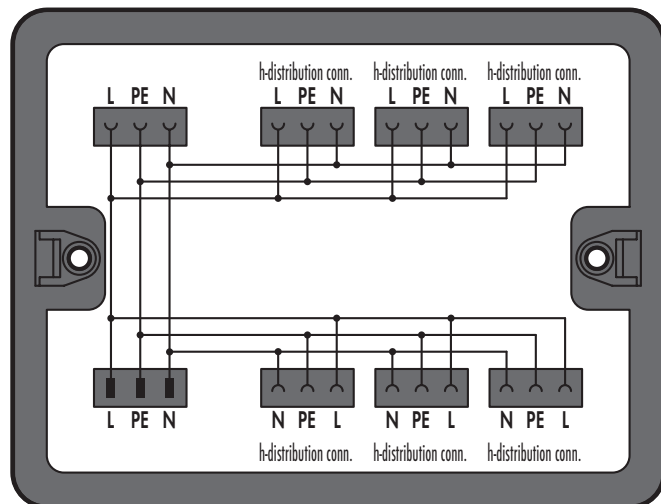
Description

This WINSTA® Distribution Box duplicates the outputs of a 3-pole, single-phase cable.

Includes: Six 770-634 h-Distribution Connectors

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, single-phase current (230 V)

Color	Item No.	Pack. Unit
● black	899-631/334-000	1

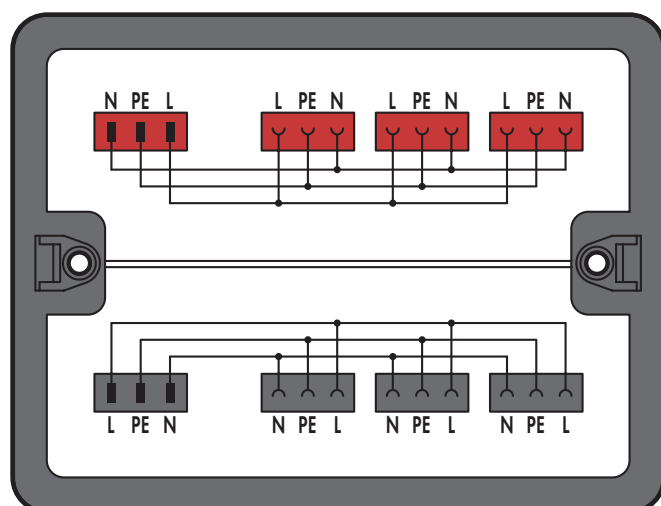
Distribution, Single-Phase Current (230 V) 2 Circuits, A+P-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box features two different 3-pole, single-phase circuits (e.g., for general power, EDP outlets, and UPS systems). Both networks are provided with differently encoded connectors. Three-pole connecting cables are provided for both power input and output.

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, single-phase current (230 V)

Color	Item No.	Pack. Unit
● black	899-631/311-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

Coding Overview,
see page 360

WINSTA® Boxes

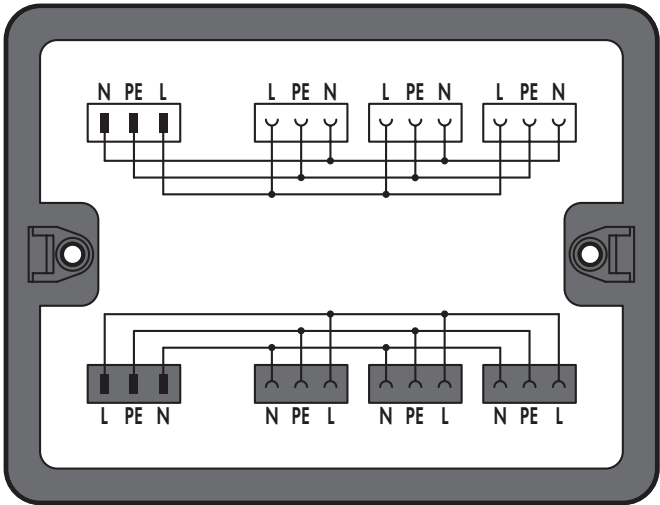
Distribution, Single-Phase Current (230 V)

2 Circuits, A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box features two different 3-pole, single-phase circuits (e.g., for general power, EDP outlets, and UPS systems). Both networks are provided with differently encoded connectors. Three-pole connecting cables are provided for both power input and output.

Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm²



Distribution box, single-phase current (230 V)		
Color	Item No.	Pack. Unit
● black	899-631/327-000	1

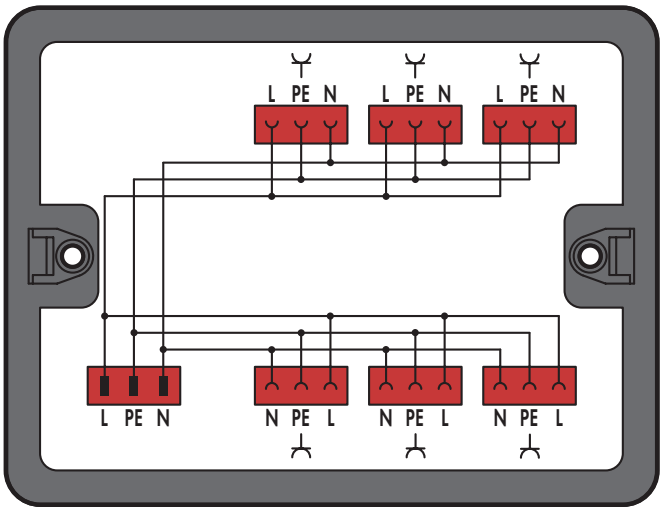
Distribution, Three-Phase Current (400 V)

1 Input, 5 Outputs, A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box duplicates the outputs of a 5-pole, three-phase cable.

Technical Data
Rated voltage (III / 3)
400 V
Rated surge voltage (III / 3)
6 kV
Rated current
25 A
Internal wiring
4 mm²



Distribution box, three-phase current (400 V)		
Color	Item No.	Pack. Unit
● black	899-631/187-000	1

WINSTA® Boxes

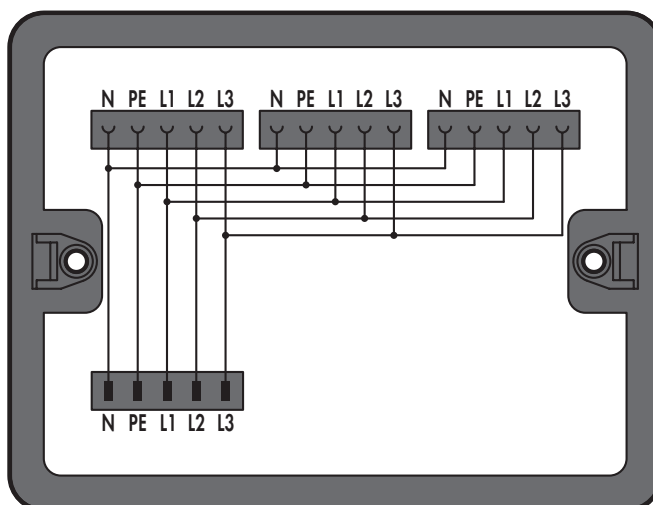
Distribution, Three-Phase Current (400 V) 1 Input, 3 Outputs, A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box duplicates the outputs of a 5-pole, three-phase cable.

Technical Data

Rated voltage (III / 3)
400 V
Rated surge voltage (III / 3)
6 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, three-phase current (400 V)

Color	Item No.	Pack. Unit
● black	899-631/341-000	1

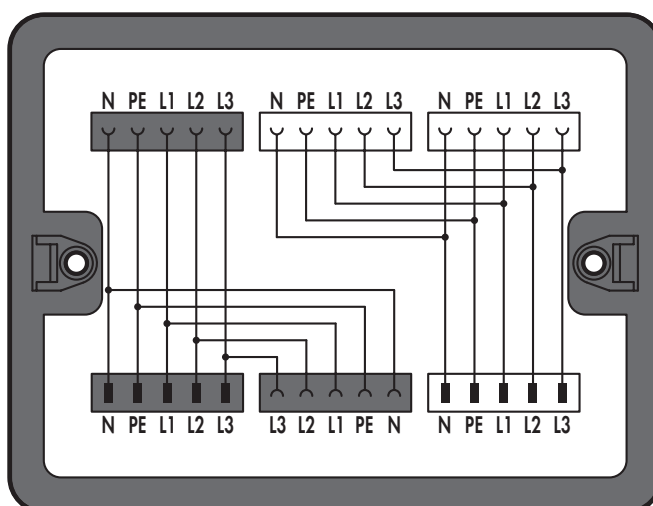
Distribution, Three-Phase Current (400 V) 2 Circuits, 1 Input (Each), 2 Outputs (Each), A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box features two different 5-pole, three-phase circuits for both general and uninterruptible power supply in raised-floor boxes. Power supply is performed using a 5-pole connector. For example, both circuits can be clearly identified using black and white connectors or cables.

Technical Data

Rated voltage (III / 3)
400 V
Rated surge voltage (III / 3)
6 kV
Rated current
20 A
Internal wiring
2.5 mm ² , halogen-free



Distribution box, three-phase current (400 V)

Color	Item No.	Pack. Unit
● black	899-631/312-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

Coding Overview,
see page 360

WINSTA® Boxes

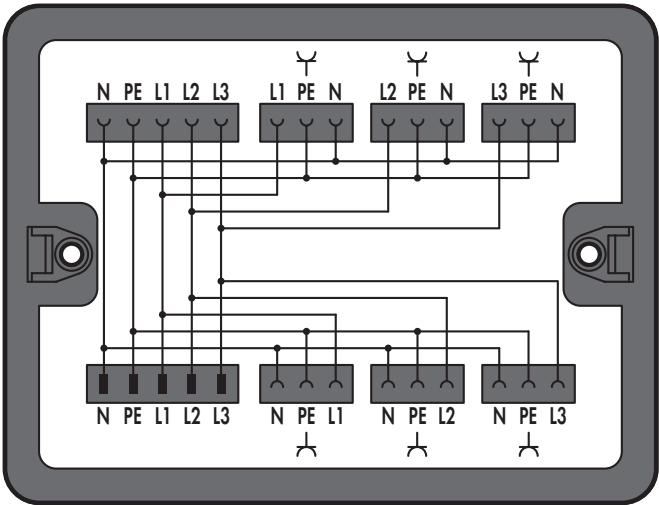
Distribution, Three-Phase to Single-Phase Current (400 V / 230 V)

Through Wiring (5-Pole), 6 Outputs (3-Pole), A-Coding, WINSTA® MIDI

Description

The phases L₁, L₂ and L₃ of the three-phase current are divided into three single-phase circuits with two outputs each.

Technical Data
Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, three-phase to single-phase current (400 V / 230 V)		
Color	Item No.	Pack. Unit
● black	899-631/100-000	1

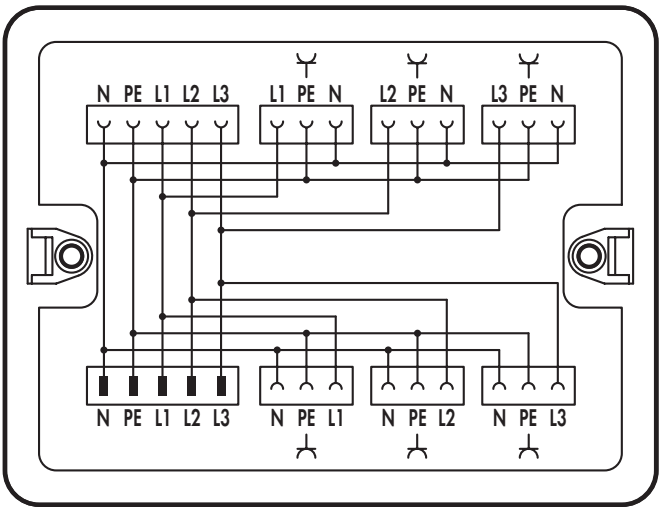
Distribution, Three-Phase to Single-Phase Current (400 V / 230 V)

Through Wiring (5-Pole), 6 Outputs (3-Pole), A-Coding, WINSTA® MIDI

Description

The phases L₁, L₂ and L₃ of the three-phase current are divided into three single-phase circuits with two outputs each.

Technical Data
Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, three-phase to single-phase current (400 V / 230 V)		
Color	Item No.	Pack. Unit
○ white	899-681/100-000	1

WINSTA® Boxes

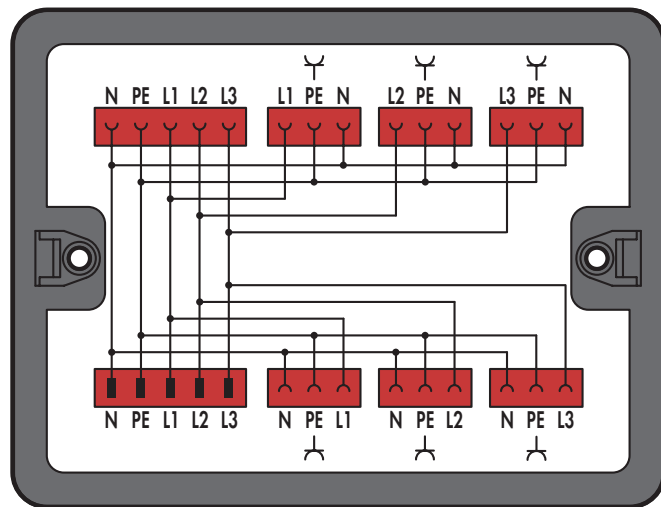
Distribution, Three-Phase to Single-Phase Current (400 V / 230 V) Through Wiring (5-Pole), 6 Outputs (3-Pole), P-Coding, WINSTA® MIDI

Description

The phases L₁, L₂ and L₃ of the three-phase current are divided into three single-phase circuits with two outputs each.

Technical Data

Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, three-phase to single-phase current (400 V / 230 V)

Color	Item No.	Pack. Unit
● black	899-631/186-000	1

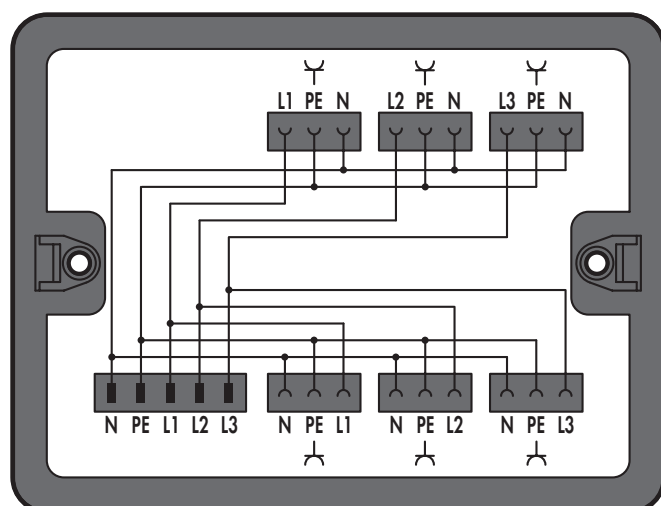
Distribution, Three-Phase Current (400 V) 1 Input (5-Pole), 6 Outputs (3-Pole), A-Coding, WINSTA® MIDI

Description

The phases L₁, L₂ and L₃ of the three-phase current are divided into three single-phase circuits with two outputs each.

Technical Data

Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, three-phase to single-phase current (400 V / 230 V)

Color	Item No.	Pack. Unit
● black	899-631/105-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

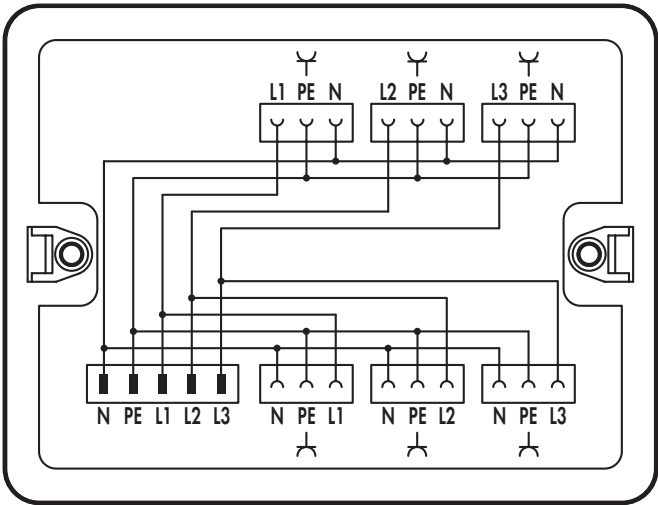
Coding Overview,
see page 360

WINSTA® Boxes

Distribution, Three-Phase to Single-Phase Current (400 V / 230 V)

1 Input (5-Pole), 6 Outputs (3-Pole), A-Coding, WINSTA® MIDI

Description
The phases L ₁ , L ₂ and L ₃ of the three-phase current are divided into three single-phase circuits with two outputs each.
Technical Data
Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm ²

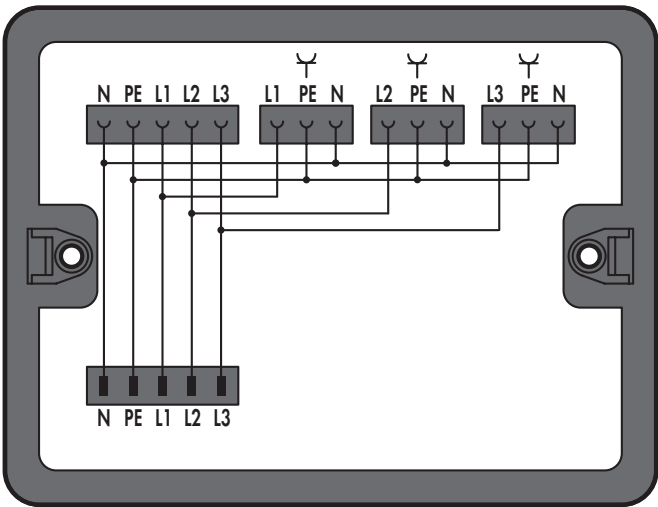


Distribution box, three-phase to single-phase current (400 V / 230 V)		
Color	Item No.	Pack. Unit
○ white	899-681/105-000	1

Distribution, Three-Phase to Single-Phase Current (400 V / 230 V)

Through Wiring (5-Pole), 3 Outputs (3-Pole), A-Coding, WINSTA® MIDI

Description
The phases L ₁ , L ₂ and L ₃ of the three-phase current are divided into three single-phase circuits with two outputs each.
Technical Data
Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, three-phase to single-phase current (400 V / 230 V)		
Color	Item No.	Pack. Unit
● black	899-631/346-000	1

WINSTA® Boxes

Distribution, Three-Phase to Single-Phase Current (400 V / 230 V) Through Wiring (5-Pole), 3 Outputs (3-Pole), A-Coding, WINSTA® MIDI

Description

The phases L₁, L₂ and L₃ of the three-phase current are divided into three single-phase circuits.

Technical Data

Rated voltage (III / 3)

250 V / 400 V

Rated surge voltage (III / 3)

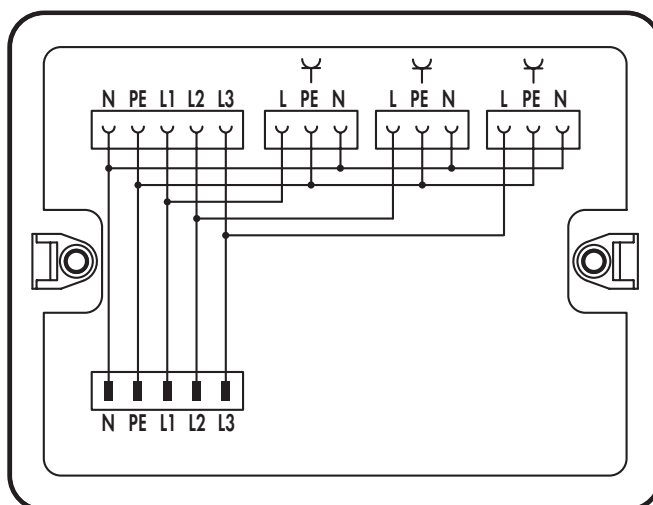
4 kV / 6 kV

Rated current

25 A

Internal wiring

2.5 mm²



Distribution box, three-phase to single-phase current (400 V / 230 V)

Color	Item No.	Pack. Unit
○ white	899-681/142-000	1

Distribution, Three-Phase to Single-Phase Current (400 V / 230 V) 2 Circuits, 1 Input (Each), 3 Outputs (Each), A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box divides two 3-phase circuits into three single-phase circuits each (e.g., 230 V and EDP outlets).

Technical Data

Rated voltage (III / 3)

250 V / 400 V

Rated surge voltage (III / 3)

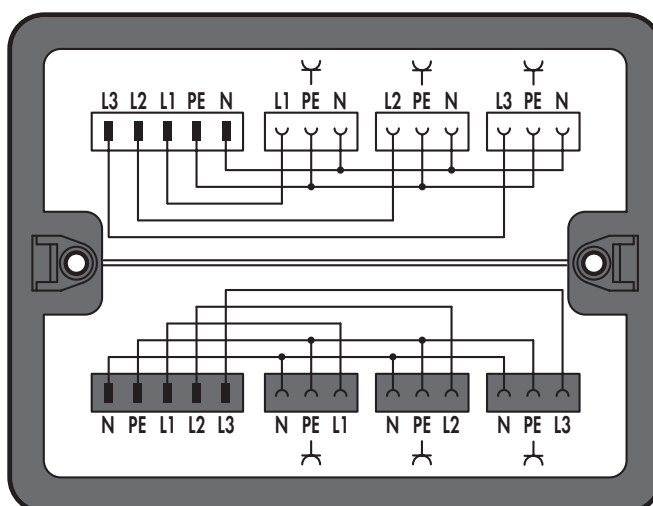
4 kV / 6 kV

Rated current

25 A

Internal wiring

4 mm²



Distribution box, three-phase to single-phase current (400 V / 230 V)

Color	Item No.	Pack. Unit
● black	899-631/349-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

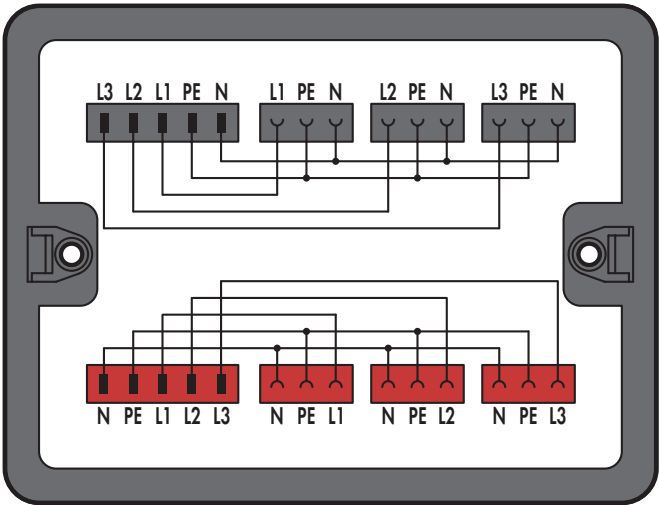
Coding Overview,
see page 360

WINSTA® Boxes

Distribution, Three-Phase to Single-Phase Current (400 V / 230 V)

2 Circuits, 1 Input (Each), 3 Outputs (Each), A+P-Coding, WINSTA® MIDI

Description
This WINSTA® Distribution Box divides two 3-phase circuits into three single-phase circuits each (e.g., 230 V and EDP outlets).
Technical Data
Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm²

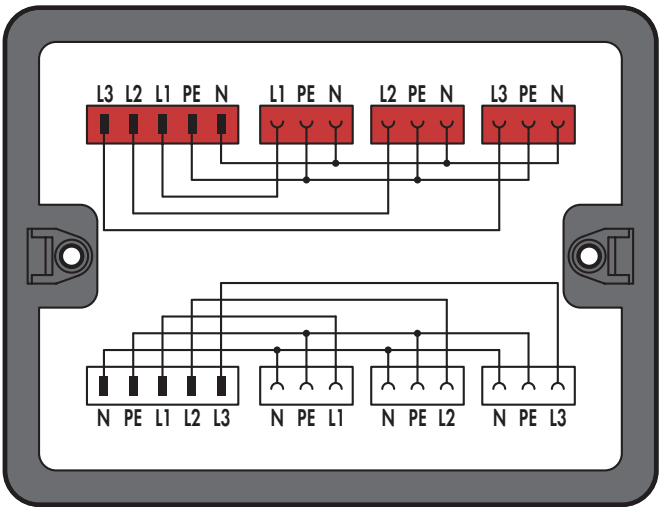


Distribution box, three-phase to single-phase current (400 V / 230 V)		
Color	Item No.	Pack. Unit
● black	899-631/302-000	1

Distribution, Three-Phase to Single-Phase Current (400 V / 230 V)

2 Circuits, 1 Input (Each), 3 Outputs (Each), A+P-Coding, WINSTA® MIDI

Description
This WINSTA® Distribution Box divides two 3-phase circuits into three single-phase circuits each (e.g., 230 V and EDP outlets).
Technical Data
Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm²



Distribution box, three-phase to single-phase current (400 V / 230 V)		
Color	Item No.	Pack. Unit
● black	899-631/350-000	1

WINSTA® Boxes

Distribution, Three-Phase to Single-Phase Current (400 V / 230 V)

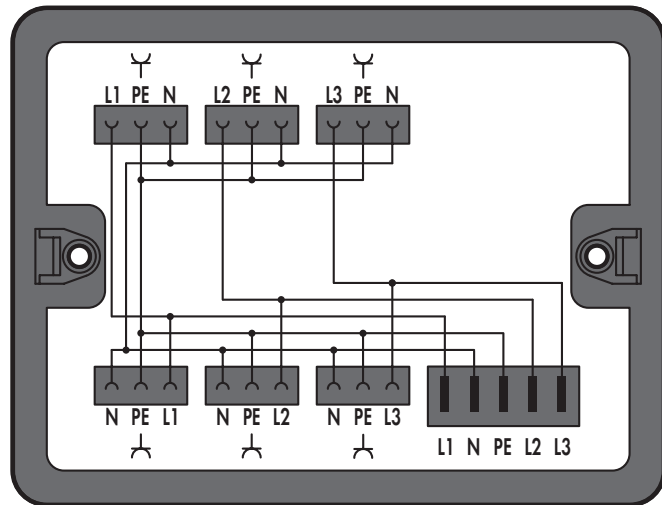
1 Input (5-Pole), 6 Outputs (3-Pole), A-Coding, WINSTA® MIDI, WINSTA® MAXI

Description

This WINSTA® Distribution Box divides a 3-phase circuit into three single-phase circuits with two outputs each. Power supply is performed via 6 mm² cable equipped with a WINSTA® MAXI Connector.

Technical Data

Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, three-phase to single-phase current (400 V / 230 V)

Color	Item No.	Pack. Unit
● black	899-631/149-000	1

Supply Cable Entry, Distribution, Three-Phase to Single-Phase Current (400 V/230 V)

1 Input (Terminal Strip, 5-Pole), 6 Outputs (3-Pole), A-Coding, WINSTA® MIDI

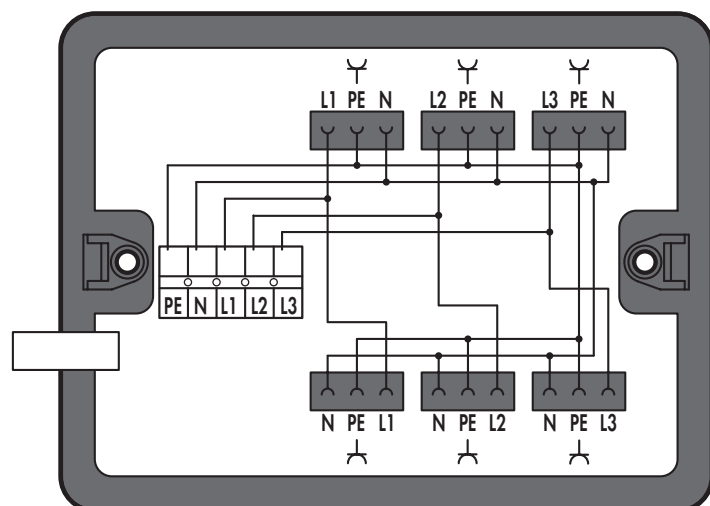
Description

Power supply is performed via standard 5-pole terminal strip. The phases L₁, L₂ and L₃ of the three-phase current are divided into three single-phase circuits with two outputs each.

Includes: One cable clamp and two mounting screws

Technical Data

Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, supply cable entry, three-phase to single-phase current (400 V/230 V)

Color	Item No.	Pack. Unit
● black	899-631/338-000	1

899 Series Accessories, see page 347

Approvals, see www.wago.com

Coding Overview, see page 360

WINSTA® Boxes

Supply Cable Entry, Distribution, Three-Phase to Single-Phase Current (400 V / 230 V)

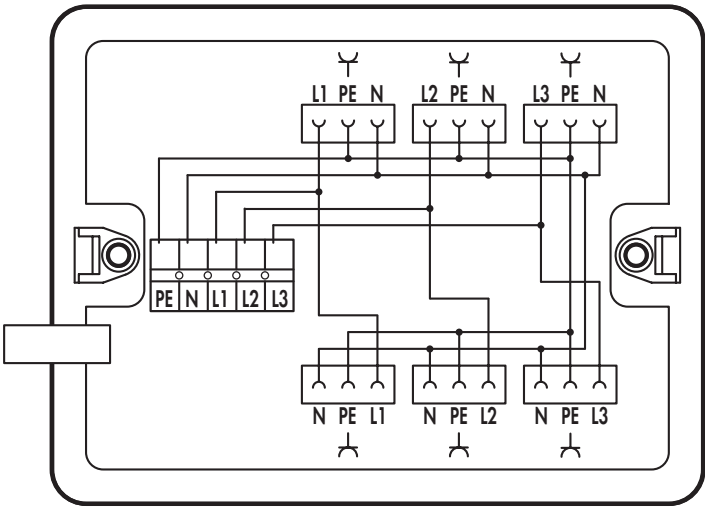
1 Input (Terminal Strip, 5-Pole), 6 Outputs (3-Pole), A-Coding, WINSTA® MIDI

Description

Power supply is performed via standard 5-pole terminal strip. The phases L₁, L₂ and L₃ of the three-phase current are divided into three single-phase circuits with two outputs each.

Includes: One cable clamp and two mounting screws

Technical Data	
Rated voltage (III / 3)	250 V / 400 V
Rated surge voltage (III / 3)	4 kV / 6 kV
Rated current	25 A
Internal wiring	4 mm ²



Distribution box, supply cable entry, three-phase to single-phase current (400 V/230 V)		
Color	Item No.	Pack. Unit
○ white	899-681/123-000	1

Supply Cable Entry, Distribution, Three-Phase to Single-Phase Current (400 V/230 V)

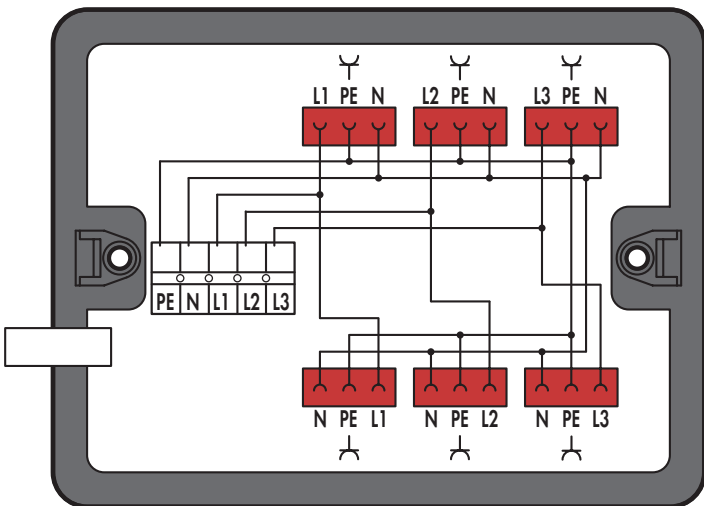
1 Input (Terminal Strip, 5-Pole), 6 Outputs (3-Pole), P-Coding, WINSTA® MIDI

Description

Power supply is performed via standard 5-pole terminal strip. The phases L₁, L₂ and L₃ of the three-phase current are divided into three single-phase circuits with two outputs each.

Includes: One cable clamp and two mounting screws

Technical Data	
Rated voltage (III / 3)	250 V / 400 V
Rated surge voltage (III / 3)	4 kV / 6 kV
Rated current	25 A
Internal wiring	4 mm ²



Distribution box, supply cable entry, three-phase to single-phase current (400 V/230 V)		
Color	Item No.	Pack. Unit
● black	899-631/339-000	1

WINSTA® Boxes

Supply Cable Entry, Three Networks

Power Supply (7-Pole), 6 Outputs (3-Pole), A-Coding, WINSTA® MIDI

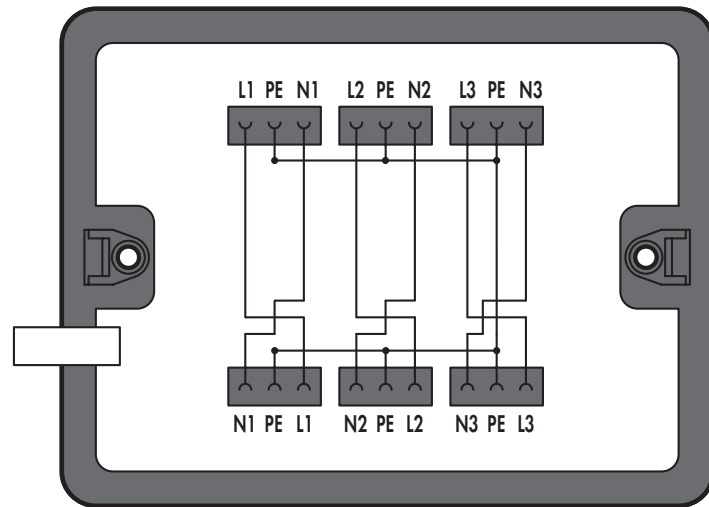
Description

Power supply is performed directly via connectors using a 7-pole cable. Each phase of the 3-phase current are divided into two outputs. Power supply is performed to the left or to the right.

Includes: Two cable clamps and four mounting screws

Technical Data

Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, supply cable entry, three networks

Color	Item No.	Pack. Unit
● black	899-631/450-000	1

Supply Cable Entry, Three Networks

Power Supply (7-Pole), 6 Outputs (3-Pole), A-Coding, WINSTA® MIDI

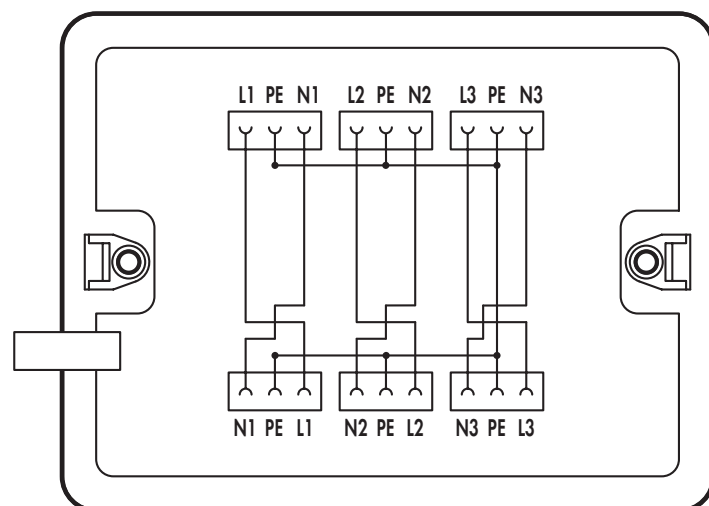
Description

Power supply is performed directly via connectors using a 7-pole cable. Each phase of the 3-phase current are divided into two outputs. Power supply is performed to the left or to the right.

Includes: Two cable clamps and four mounting screws

Technical Data

Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, supply cable entry, three networks

Color	Item No.	Pack. Unit
○ white	899-681/450-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

Coding Overview,
see page 360

WINSTA® Boxes

Supply Cable Entry

Power Supply (10-Pole), 4 Outputs (4-Pole), A-Coding, WINSTA® MIDI

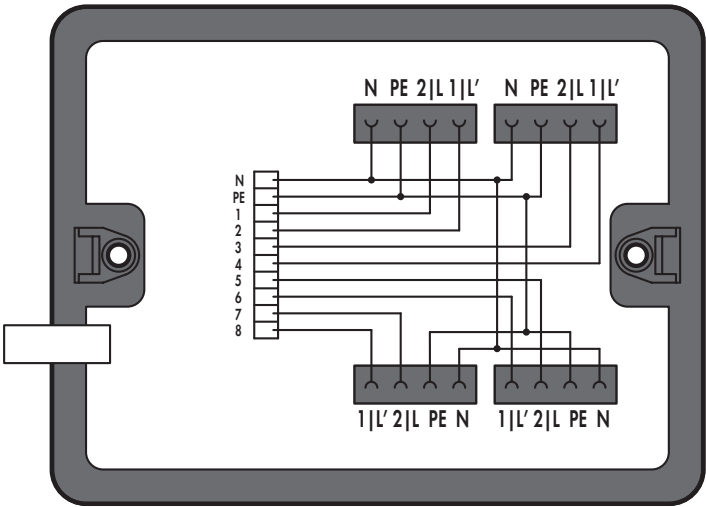
Description

Power supply is performed via 10-pole cable on a terminal strip.

Application example:
Blind drives control

Includes: One cable clamp and two mounting screws

Technical Data
Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
16 A
Internal wiring
1.5 mm²



Distribution box, supply cable entry		
Color	Item No.	Pack. Unit
● black	899-631/453-000	1

Supply Cable Entry

Power Supply (10-Pole), 8 Outputs (2-Pole), B-Coding, WINSTA® MIDI special

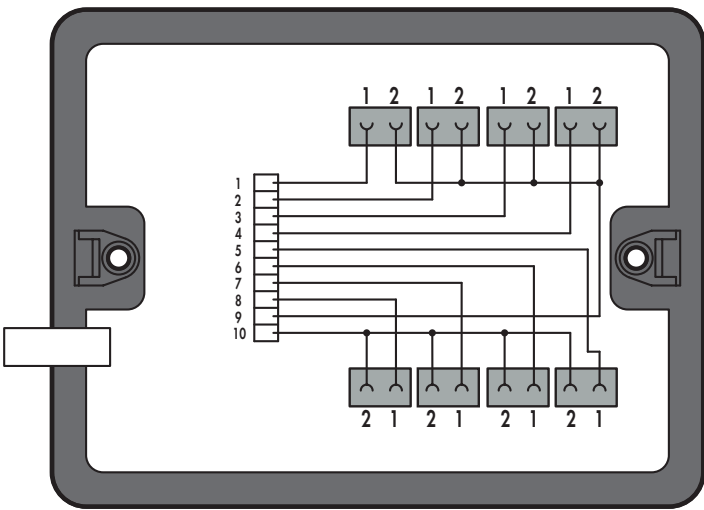
Description

Power supply is performed via 10-pole cable on a terminal strip.

Application example:
Valves control

Includes: One cable clamp and two mounting screws

Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
6 A
Internal wiring
0.75 mm²



Distribution box, supply cable entry		
Color	Item No.	Pack. Unit
● black	899-631/454-000	1

WINSTA® Boxes

Distribution, 230 V + DALI

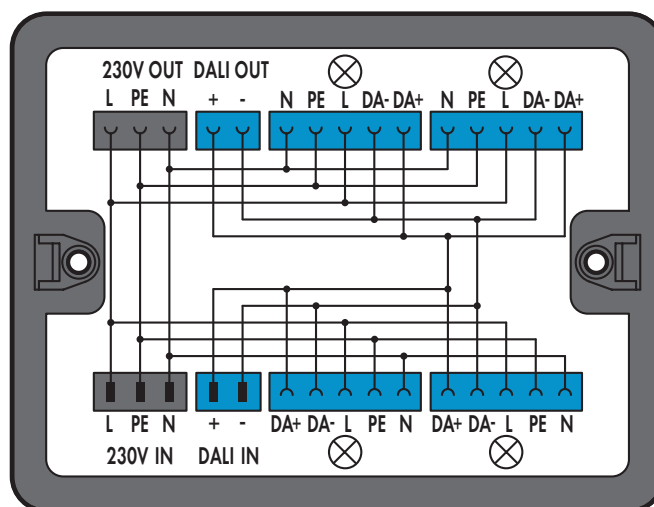
2 Inputs, 6 Outputs, A+I-Coding, WINSTA® MINI, WINSTA® MIDI

Description

This WINSTA® Distribution Box connects to 5-pole DALI lights. Power supply is performed via two cables (230 V and DALI). Both cables are combined into four outputs.

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A / 16 A
Internal wiring
4 mm ² / 1.5 mm ²



Distribution box, distribution, 230 V + DALI

Color	Item No.	Pack. Unit
● black	899-631/181-000	1

Distribution, 400 V + DALI

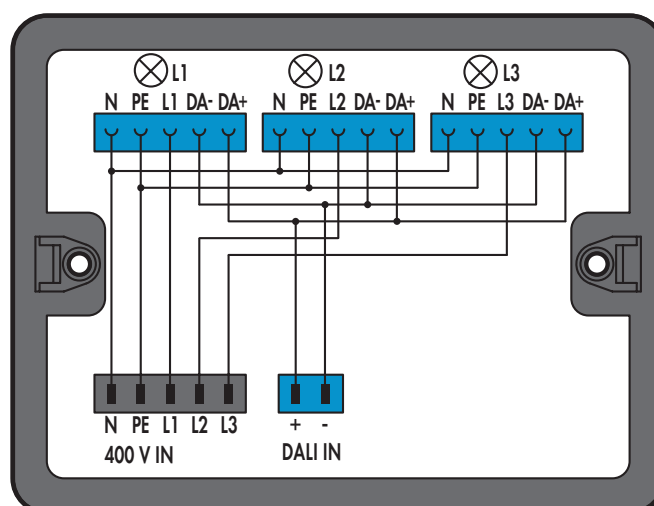
2 Inputs, 6 Outputs, A+I-Coding, WINSTA® MINI, WINSTA® MIDI

Description

This WINSTA® Distribution Box combines the L1, L2 and L3 phases of the 3-phase current with the DALI signal (separate cable).

Technical Data

Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A / 16 A
Internal wiring
4 mm ² / 1.5 mm ²



Distribution box, distribution, 400 V + DALI

Color	Item No.	Pack. Unit
● black	899-631/354-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

Coding Overview,
see page 360

WINSTA® Boxes

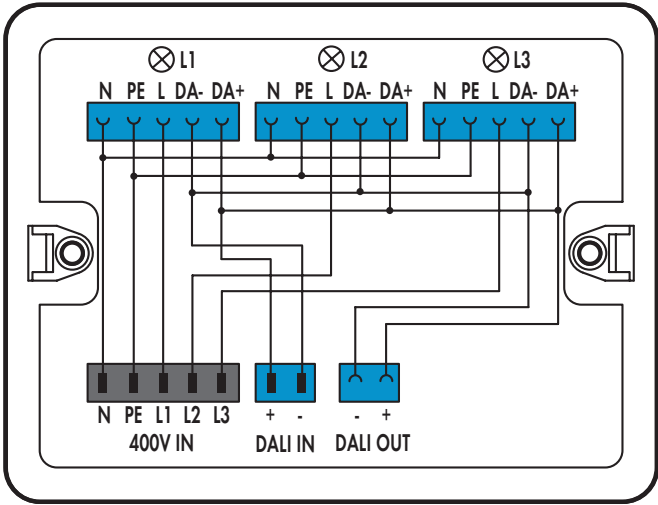
Distribution, 230 V + DALI

2 Inputs, 4 Outputs, A+I-Coding, WINSTA® MINI, WINSTA® MIDI

Description

This WINSTA® Distribution Box combines the L1, L2 and L3 phases of the 3-phase current with the DALI signal (separate cable).

Technical Data
Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A / 16 A
Internal wiring
4 mm² / 1.5 mm²



Distribution box, distribution, 400 V + DALI		
Color	Item No.	Pack. Unit
○ white	899-681/129-000	1

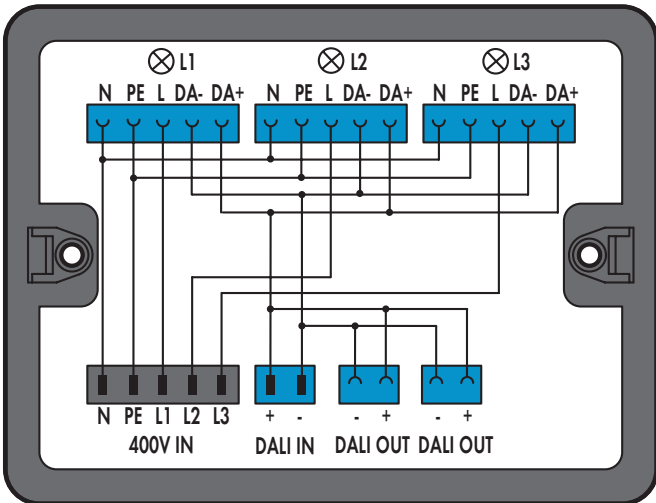
Distribution, 400 V + DALI

2 Inputs, 5 Outputs, A+I-Coding, WINSTA® MINI, WINSTA® MIDI

Description

This WINSTA® Distribution Box combines the L1, L2 and L3 phases of the 3-phase current with the DALI signal (separate cable).

Technical Data
Rated voltage (III / 3)
250 V / 400 V
Rated surge voltage (III / 3)
4 kV / 6 kV
Rated current
25 A / 16 A
Internal wiring
2.5 mm² / 1.5 mm²



Distribution box, distribution, 400 V + DALI		
Color	Item No.	Pack. Unit
● black	899-631/455-000	1

WINSTA® Boxes

Distribution, 230 V + DALI

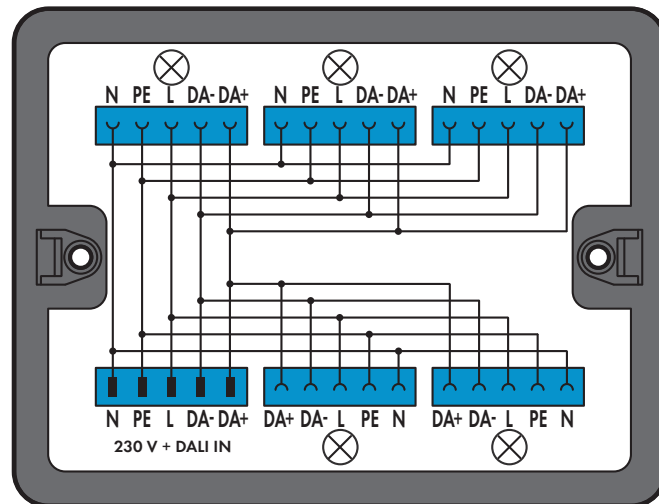
1 Input, 5 Outputs, I-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box connects to 5-pole DALI lights.
Both 230 V power supply and DALI bus for light scene control are combined into a single line.

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
20 A
Internal wiring
2.5 mm ²



Distribution box, distribution, 230 V + DALI

Color	Item No.	Pack. Unit
● black	899-631/313-000	1

Distribution, 230 V + DALI

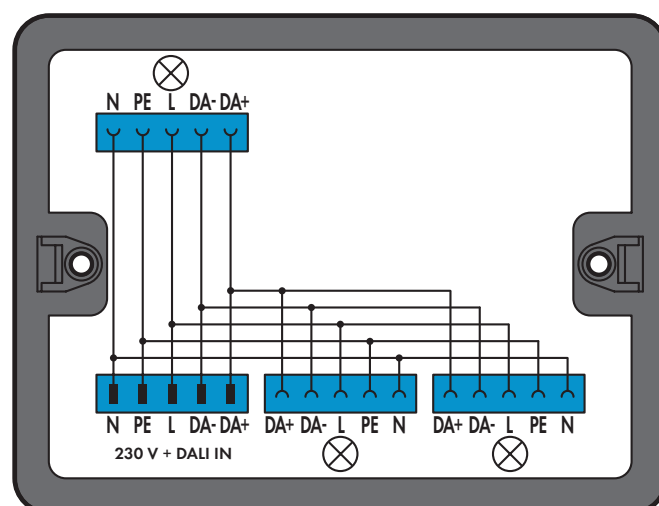
1 Input, 3 Outputs, I-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box connects to three DALI lights.

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
20 A
Internal wiring
2.5 mm ²



Distribution box, distribution, 230 V + DALI

Color	Item No.	Pack. Unit
● black	899-631/319-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

Coding Overview,
see page 360

WINSTA® Boxes

Distribution, 230 V + SMI

2 Inputs, 6 Outputs, A+B-Coding

Description

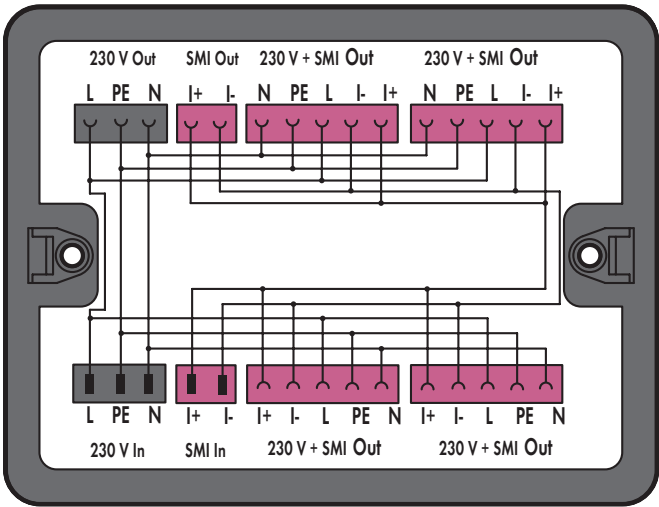
This WINSTA® Distribution Box combines the L1, L2 and L3 phases of the 3-phase current with the DALI signal (separate cable).

WINSTA® MINI special

WINSTA® MIDI

WINSTA® MIDI special

Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A / 16 A
Internal wiring
4 mm² / 1.5 mm²



Distribution box, distribution, 230 V + SMI		
Color	Item No.	Pack. Unit
● black	899-631/405-000	1

Distribution, 230 V + SMI

2 Inputs, 5 Outputs, A+B-Coding

Description

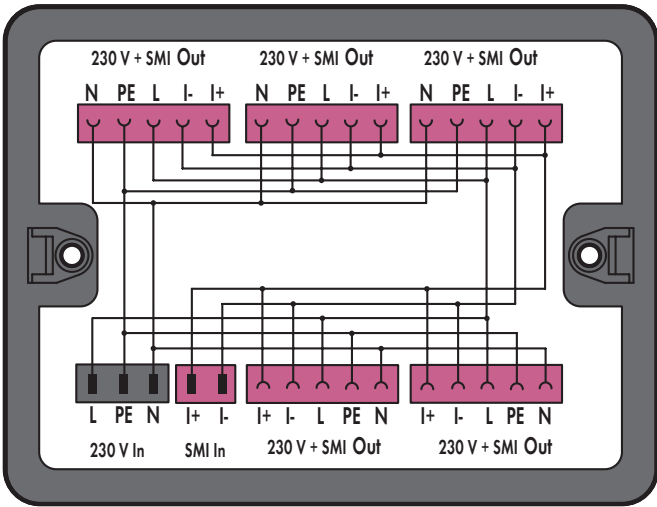
This WINSTA® Distribution Box connects to 5-pole SMI drives. Power supply is performed via two cables (230 V and SMI). Both cables are combined into four outputs.

WINSTA® MINI special

WINSTA® MIDI

WINSTA® MIDI special

Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
20 A / 16 A
Internal wiring
2.5 mm² / 1.5 mm²



Distribution box, distribution, 230 V + SMI		
Color	Item No.	Pack. Unit
● black	899-631/444-000	1

WINSTA® Boxes

Distribution, 230 V + SMI

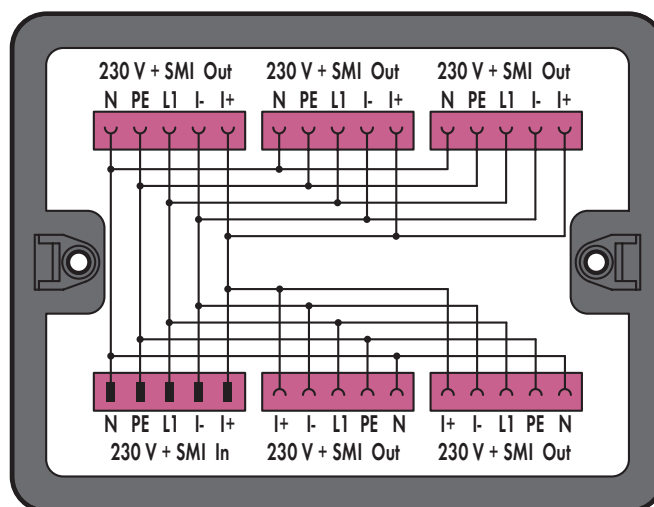
1 Input, 5 Outputs, B-Coding, WINSTA® MIDI special

Description

This WINSTA® Distribution Box connects to 5-pole SMI drives; 230 V power supply and SMI signal are combined into a single line.

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
20 A / 16 A
Internal wiring
2.5 mm ² / 1.5 mm ²



Distribution box, distribution, 230 V + SMI

Color	Item No.	Pack. Unit
● black	899-631/421-000	1

Motion and Presence Detectors, ESYLUX

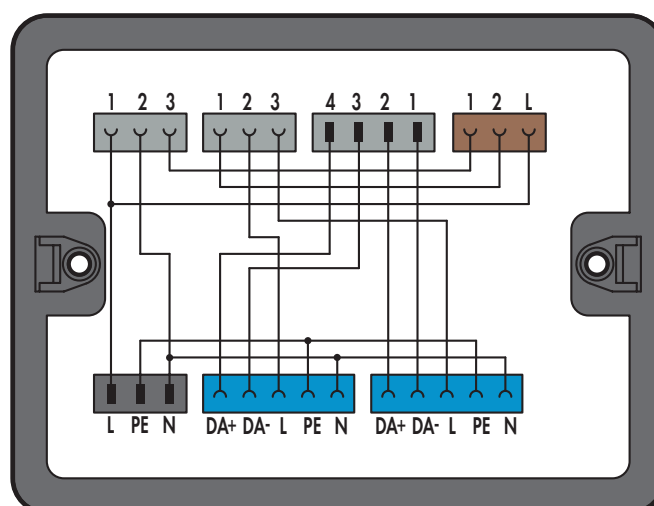
2 Inputs, 5 Outputs, A-, B-, I-, S-Coding, WINSTA® MINI

Description

This WINSTA® Distribution Box connects to ESY-LUX presence detectors.

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
20 A
Internal wiring
2.5 mm ²



Distribution box, motion and presence detectors, ESYLUX

Color	Item No.	Pack. Unit
● black	899-631/442-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

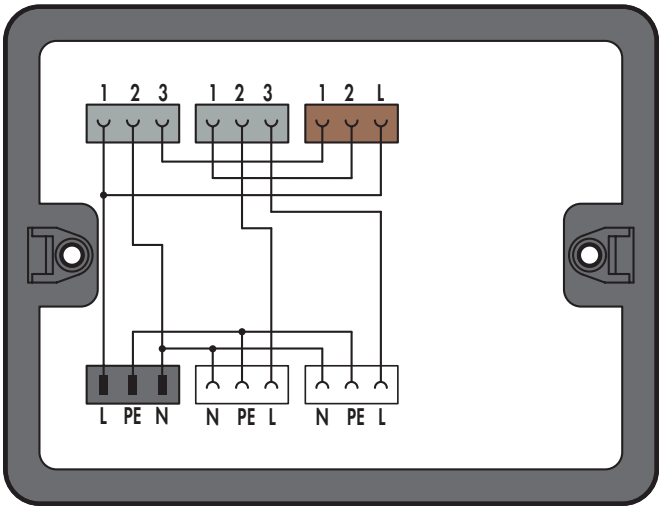
Coding Overview,
see page 360

WINSTA® Boxes

Motion and Presence Detectors, ESYLUX

1 Input, 5 Outputs, A-, B-, S-Coding, WINSTA® MIDI

Description
This WINSTA® Distribution Box connects to ESY-LUX presence detectors.
Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
20 A
Internal wiring
2.5 mm²

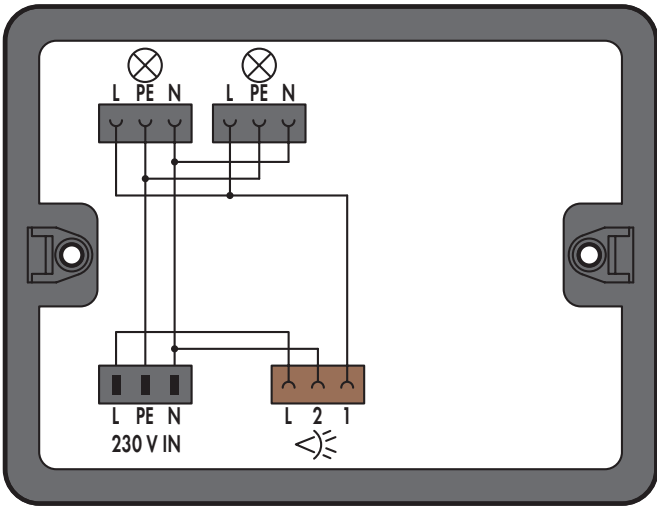


Distribution box, motion and presence detectors, ESYLUX		
Color	Item No.	Pack. Unit
● black	899-631/443-000	1

Motion and Presence Detectors

1 Input, 2 Lights, 1 Motion Detector, A+S-Coding , WINSTA® MIDI

Description
This WINSTA® Distribution Box connects to one motion detector and two lights.
Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm²



Distribution box, motion and presence detectors		
Color	Item No.	Pack. Unit
● black	899-631/309-000	1

WINSTA® Boxes

Motion and Presence Detectors

Through Wiring (3-Pole), 2 Lights, 1 Motion Detector, A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box connects to one motion detector and two lights.

Technical Data

Rated voltage (III / 3)

250 V

Rated surge voltage (III / 3)

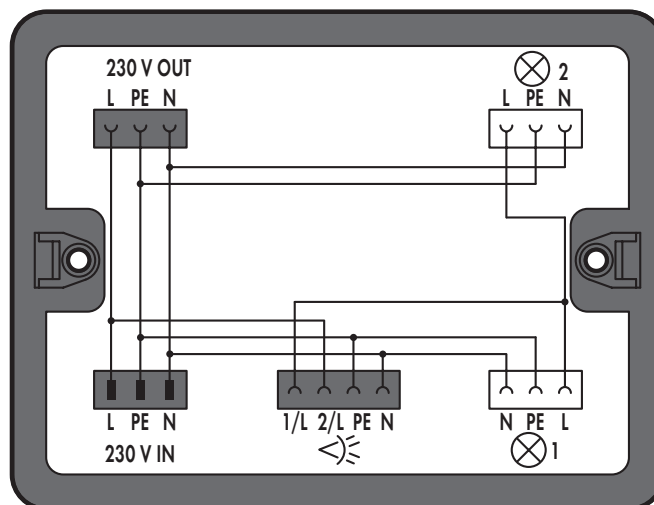
4 kV

Rated current

25 A

Internal wiring

4 mm²



Distribution box, motion and presence detectors

Color	Item No.	Pack. Unit
● black	899-631/374-000	1

Motion and Presence Detectors

Through Wiring (3-Pole), 2 Lights, 1 Motion Detector, A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box connects to one motion detector, two lights and one outlet.

Technical Data

Rated voltage (III / 3)

250 V

Rated surge voltage (III / 3)

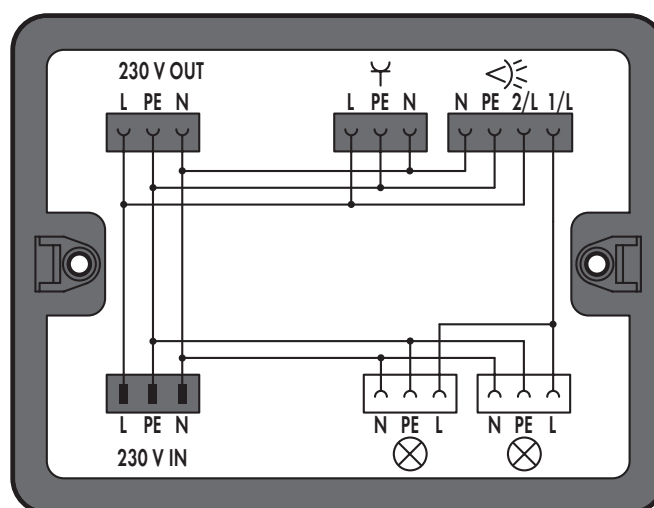
4 kV

Rated current

25 A

Internal wiring

4 mm²



Distribution box, motion and presence detectors

Color	Item No.	Pack. Unit
● black	899-631/180-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

Coding Overview,
see page 360

WINSTA® Boxes

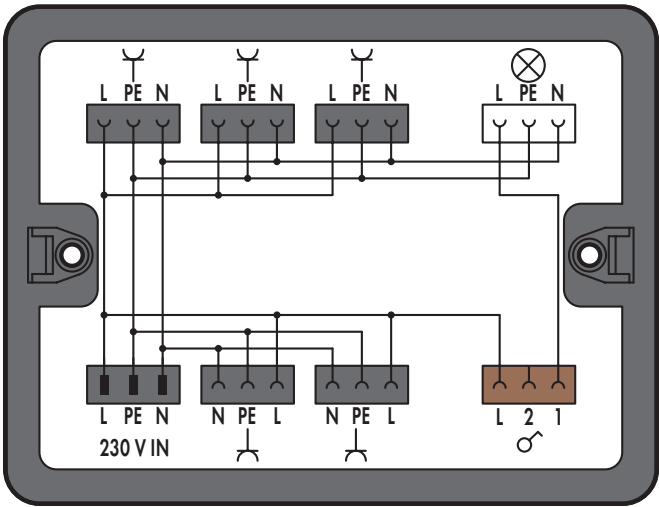
On/Off Switching

1 Input, 5 Outputs, 1 Light, 1 Switch, A+S-Coding, WINSTA® MIDI

Description

This WINSTA® Box features one on/off switch for five power outlets and one light.

Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm²



Distribution box, on/off switching		
Color	Item No.	Pack. Unit
● black	899-631/304-000	1

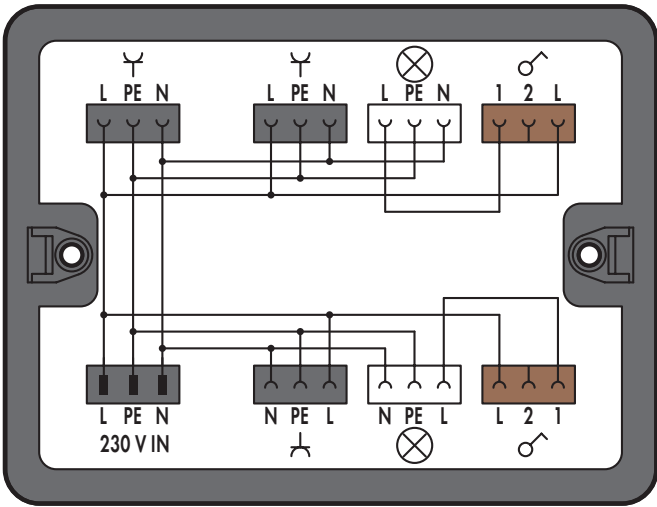
On/Off Switching

1 Input, 3 Outputs, 2 Lights, 2 Switches, A+S-Coding , WINSTA® MIDI

Description

This WINSTA® Distribution Box features two on/off switches for three power outlets and two lights.

Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm²



Distribution box, on/off switching		
Color	Item No.	Pack. Unit
● black	899-631/123-000	1

WINSTA® Boxes

On/Off Switching

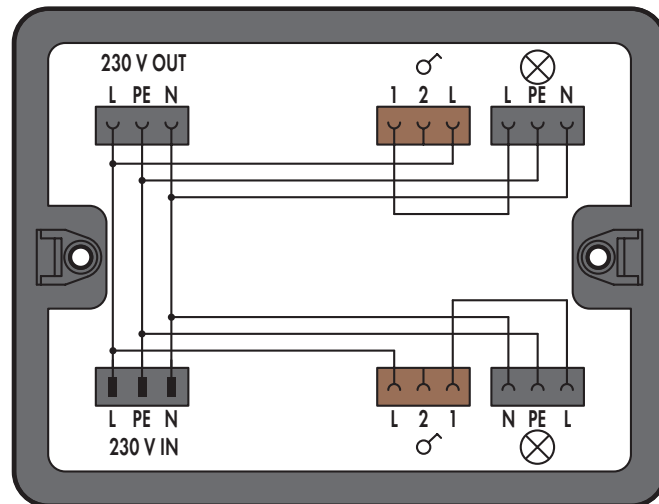
1 Input, 1 Output, 2 Lights, 2 Switches, A+S-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box features two on/off switches for one light each.

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, on/off switching

Color	Item No.	Pack. Unit
● black	899-631/363-000	1

Series Switching

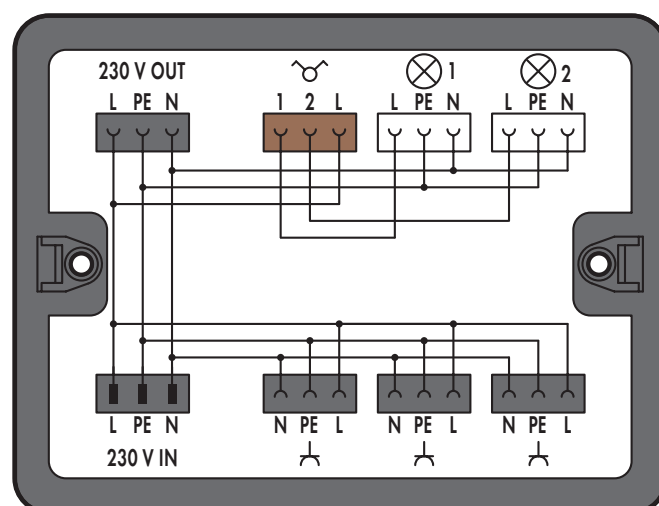
1 Input, 4 Outputs, 2 Lights, 1 Switch, A+S-Coding , WINSTA® MIDI

Description

This WINSTA® Distribution Box features one series switch and is designed for through wiring and outlet connections.

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, series switching

Color	Item No.	Pack. Unit
● black	899-631/130-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

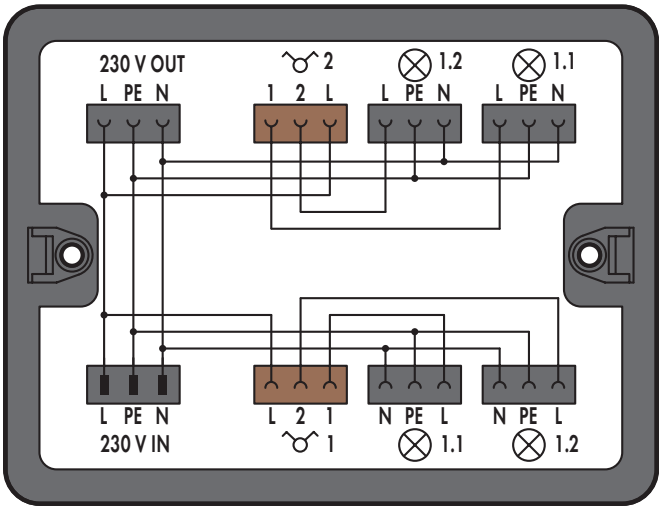
Coding Overview,
see page 360

WINSTA® Boxes

Series Switching

1 Input, 1 Output, 4 Lights, 2 Switches, A+S-Coding, WINSTA® MIDI

Description
This WINSTA® Distribution Box features two series switches with pluggable connectors.
Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm²

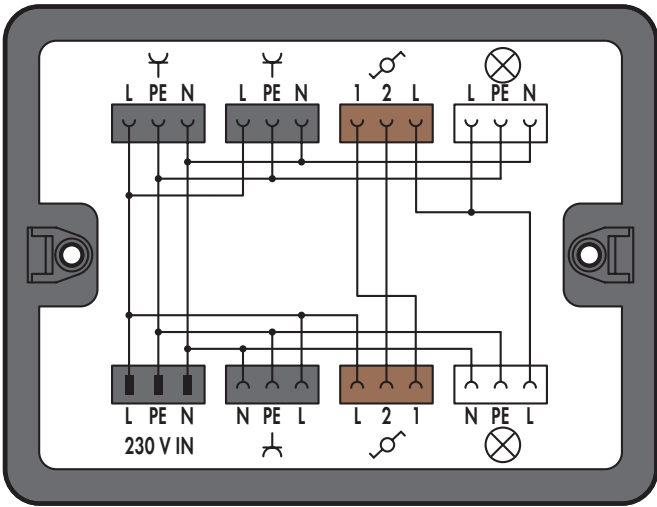


Distribution box, series switching		
Color	Item No.	Pack. Unit
● black	899-631/386-000	1

Changeover Switching

1 Input, 3 Outputs, 2 Lights, 2 Switches, A+S-Coding , WINSTA® MIDI

Description
This WINSTA® Distribution Box features two changeover switches and connects to three power outlets.
The distribution box is fitted on the 770-680 Mounting Plate.
Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm²



Distribution box, on/off switching		
Color	Item No.	Pack. Unit
● black	899-631/189-000	1

WINSTA® Boxes

Changeover Switching

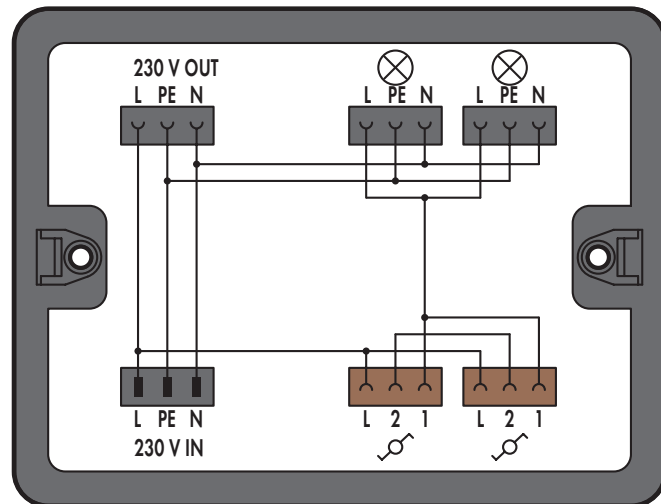
1 Input, 1 Output, 2 Lights, 2 Switches, A+S-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box features two economy changeover switches for two lights.

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, changeover switching

Color	Item No.	Pack. Unit
● black	899-631/308-000	1

Crossover Switching

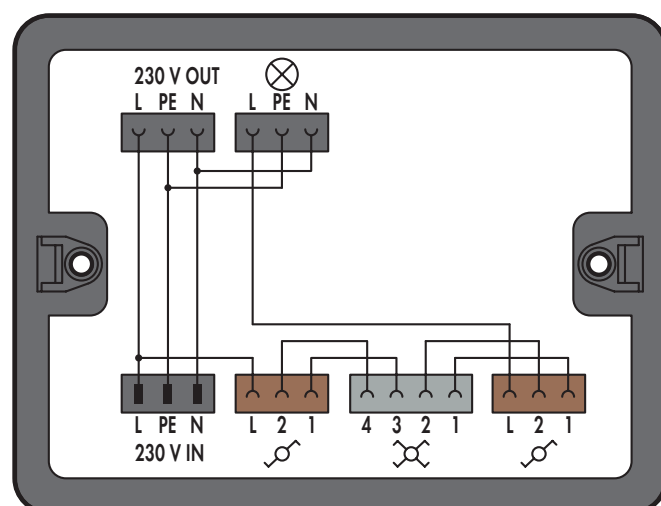
1 Input, 1 Output, 1 Light, 3 Switches, A+B+S-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box features one crossover switch.

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A
Internal wiring
4 mm ²



Distribution box, crossover switching

Color	Item No.	Pack. Unit
● black	899-631/305-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

Coding Overview,
see page 360

WINSTA® Boxes

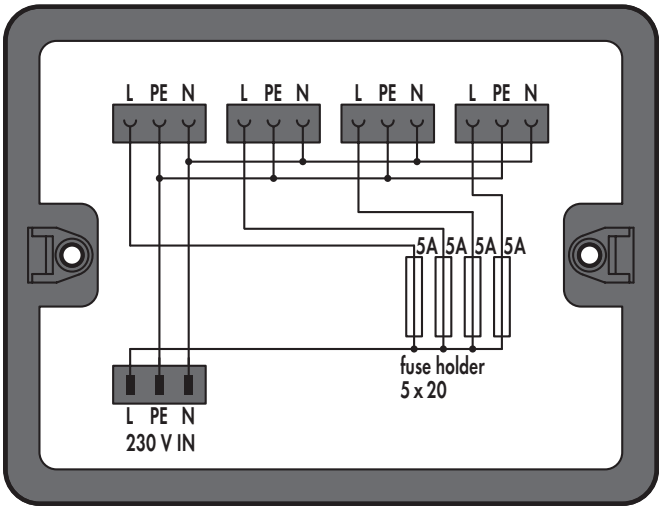
Cable and Device Protection

1 Input, 4 Outputs, A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box protects four components within a device (5 x 20 mm fuse holder). Power supply is performed using a 3-pole connecting cable.

Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
5 A
Internal wiring
2.5 mm²



Distribution box, series switching		
Color	Item No.	Pack. Unit
● black	899-631/315-000	1

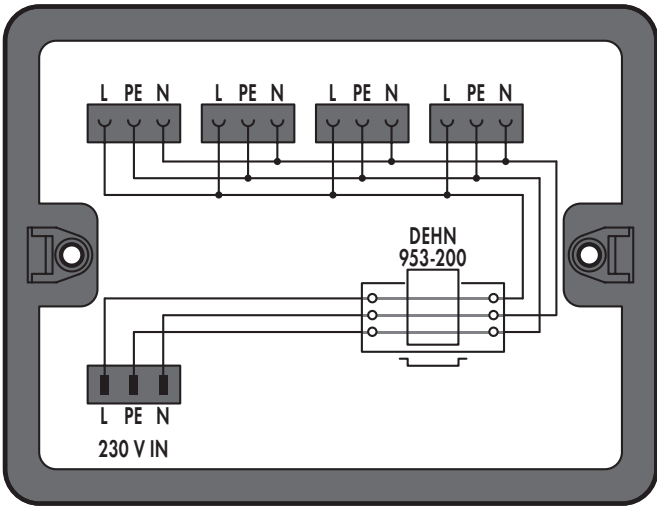
Surge Protection (Type 3)

1 Input, 4 Outputs, A-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box is equipped with a "Type 3" surge suppression device (DEHN 953 200) allowing four 3-pole pluggable outputs to be protected. Power supply is performed using a 3-pole connecting cable.

Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
20 A
Internal wiring
2.5 mm²



Distribution box, surge protection (type 3)		
Color	Item No.	Pack. Unit
● black	899-632/182-000	1

WINSTA® Boxes

Switching with Latching Relay

1 Input, 1 Light, 3 Push-Buttons, A+S-Coding, WINSTA® MIDI

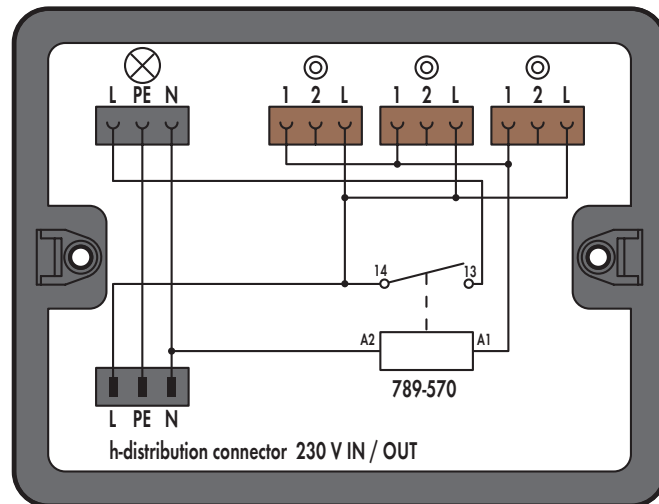
Description

This WINSTA® Distribution Box features one latching relay (three push-buttons, one light). Power supply (230 V, through wiring) is performed using the provided h-distribution connector.

Includes: One 770-633 h-Distribution Connector

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
16 A
Internal wiring
2.5 mm ²



Distribution box, switching with latching relay

Color	Item No.	Pack. Unit
● black	899-632/101-000	1

Switching with Latching Relay

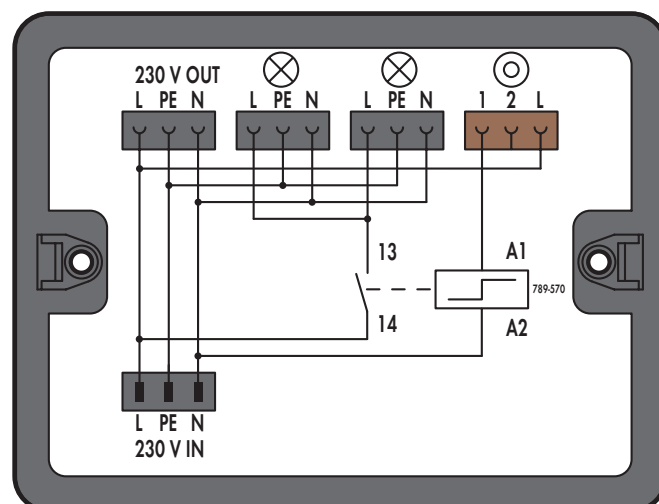
Through Wiring (3-Pole), 2 Outputs, 1 Push-Button, A+S-Coding, WINSTA® MIDI

Description

This WINSTA® Distribution Box features one latching relay (one push-button, two lights).

Technical Data

Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
16 A
Internal wiring
4 mm ² / 2.5 mm ²



Distribution box, crossover switching

Color	Item No.	Pack. Unit
● black	899-632/199-000	1

899 Series Accessories,
see page 347

Approvals,
see www.wago.com

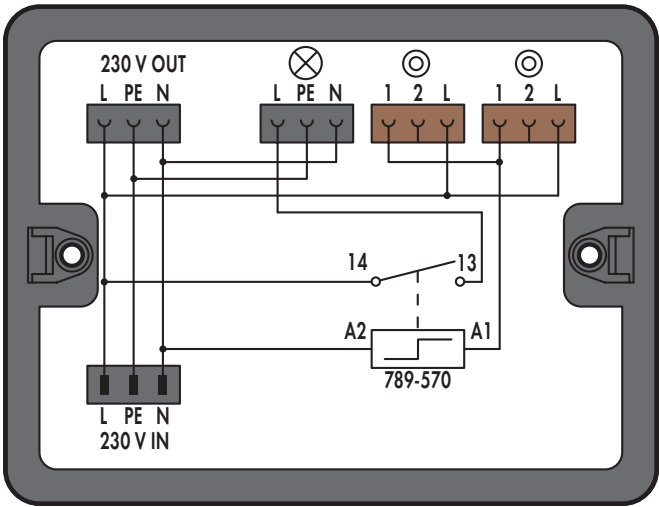
Coding Overview,
see page 360

WINSTA® Boxes

Switching with Latching Relay

Through Wiring (3-Pole), 1 Light, 2 Push-Buttons, A+S-Coding , WINSTA® MIDI

Description
This WINSTA® Distribution Box features one latching relay (two push-buttons, one light).
Technical Data
Rated voltage (III / 3)
250 V
Rated surge voltage (III / 3)
4 kV
Rated current
25 A / 16 A
Internal wiring
4 mm² / 2.5 mm²



Distribution box, switching with latching relay		
Color	Item No.	Pack. Unit
● black	899-632/138-000	1

WINSTA® Boxes

Distribution Box for Self-Assembly

Description

This WINSTA® Distribution Box is designed for custom assembly/wiring and includes: 1 bottom, 1 lid, 2 sidewalls and 16 MIDI mounting pins.



Distribution Box for Self-Assembly		
Color	Item No.	Pack. Unit
● black	899-631	1
○ white	899-681	1

Distribution Box for Self-Assembly

Description

This WINSTA® Distribution Box is designed for custom wiring with an electronic module (1 module on DIN-35 rail) and includes:
1 bottom, 1 lid, 1 sidewall, 1 sidewall with DIN-35 rail and 10 MIDI mounting pins.



- 899 Series Accessories,
see page 347

Approvals,
see www.wago.com

Coding Overview,
see page 360

Distribution Box for Self-Assembly		
Color	Item No.	Pack. Unit
● black	899-632	1
○ white	899-682	1



Accessories and Tools

WINSTA®
Accessories and Tools

	Page
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	Markers 357
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WINSTA® MINI / WINSTA® MINI special**Accessories****890 / 891 Series**

Locking lever,
for flying leads,
manually operated

Color	Item No.	Pack. Unit
black	890-101	100(50)
white	890-121	100(50)



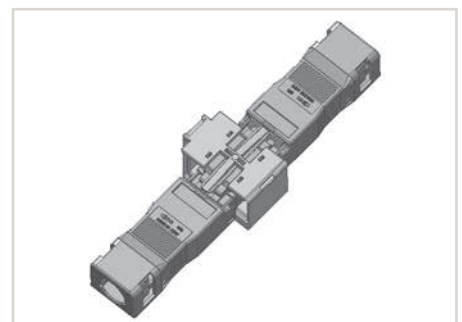
Locking lever,
for flying leads,
tool operated

Color	Item No.	Pack. Unit
black	890-111	100(50)
white	890-131	100(50)



Mounting adapter,
for 2- to 5-pole for flying leads

Color	Item No.	Pack. Unit
black	890-310	100
white	890-311	100



All connectors for mounted installations (snap-in versions, pluggable PCB connectors, distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket).

Locking connector via integrated lever.
Locking second connector for a secure connection.



Lockout cap, for cutout, 2-pole		
Color	Item No.	Pack. Unit
black	890-642	100
white	890-692	100



Shield connecting plate, for 3-pole plugs and sockets		
	Item No.	Pack. Unit
	890-523	50

Lockout cap, for cutout, 3-pole		
Color	Item No.	Pack. Unit
black	890-643	100
white	890-693	100

Lockout cap, for cutout, 4-pole		
Color	Item No.	Pack. Unit
black	890-644	100
white	890-694	100

Lockout cap, for cutout, 5-pole		
Color	Item No.	Pack. Unit
black	770-643	100
white	770-693	100



Seal unused cutout with lockout cap.



Connector with shield termination

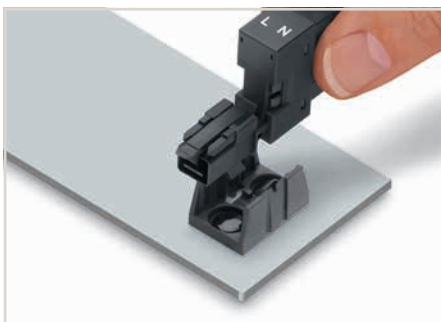
WINSTA® MINI / WINSTA® MINI special**Accessories****890 / 891 Series**

Mounting plate for distribution connector, 2-pole		
Color	Item No.	Pack. Unit
black	890-1622	100
white	890-1672	100

Mounting plate for distribution connector, 3-pole		
Color	Item No.	Pack. Unit
black	890-623	100
white	890-673	100

Mounting plate for distribution connector, 4-pole		
Color	Item No.	Pack. Unit
black	890-624	50
white	890-674	50

Mounting plate for distribution connector, 5-pole		
Color	Item No.	Pack. Unit
black	890-625	50
white	890-675	50



The distribution connectors snap together when attached to the mounting plate.



Mounting pin, for mounting plates, 5 mm Ø, 0.2 ... 1.2 mm plate thickness		
Color	Item No.	Pack. Unit
black	890-601	250



Secure the mounting plate via pins.

WINSTA® MIDI / WINSTA® MIDI special

Accessories

770 / 771 Series



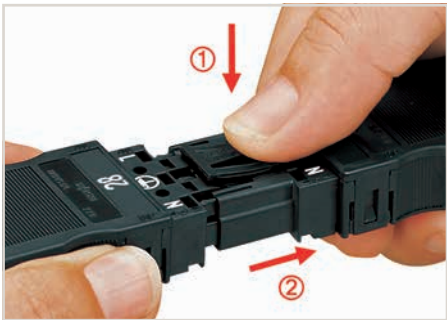
Locking lever, for flying leads, manually operated		
Color	Item No.	Pack. Unit
black	770-101	100(25)
white	770-121	100(25)



Locking lever, for flying leads, tool operated		
Color	Item No.	Pack. Unit
black	770-111	100(25)
white	770-131	100(25)

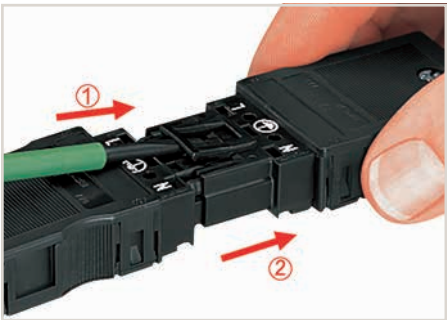


Locking lever, oversized, tool operated		
Color	Item No.	Pack. Unit
gray	770-140	100(25)



Locking lever, manually operated:

- Push on locking lever
- Pull the connectors apart



Locking lever, tool operated:

- Unlatch locking lever
- Pull the connectors apart



Snap-in connector with protruding locking lever

WINSTA® MIDI / WINSTA® MIDI special

Accessories

770 / 771 Series



Coding pin,
for plug (A- and B-coding)

Color	Item No.	Pack. Unit
gray	770-401	100



Lockout cap,
for socket, separable,
12-pole

Color	Item No.	Pack. Unit
black	770-201	100
white	770-221	100

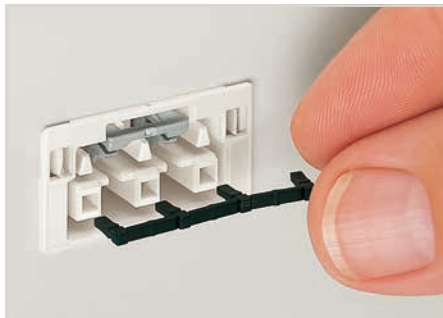


Lockout cap,
for plug, separable,
5-pole

Color	Item No.	Pack. Unit
yellow	770-360	100



Insert coding pin into the plug.



Seal an unmated socket by simply inserting a lock-out cap. This prevents the smallest particles from entering the socket.



Lockout cap, for cutout, 3-pole		
Color	Item No.	Pack. Unit
black	770-643	100
white	770-693	100



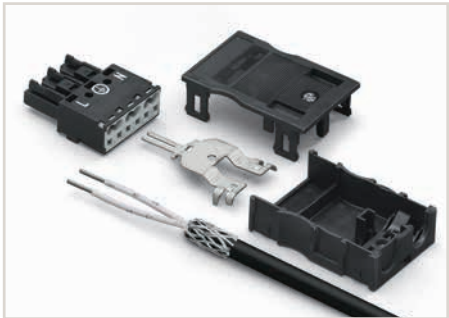
Shield connecting plate, for 3-pole plugs and sockets		
	Item No.	Pack. Unit
	770-523	25

Lockout cap, for cutout, 4-pole		
Color	Item No.	Pack. Unit
black	770-644	100
white	770-694	100

Lockout cap, for cutout, 5-pole		
Color	Item No.	Pack. Unit
black	770-645	100
white	770-695	100



Seal unused cutout with lockout cap.



Connector with shield termination

WINSTA® MIDI / WINSTA® MIDI special**Accessories****770 / 771 Series**

Mounting plate for distribution connector, 2-pole		
Color	Item No.	Pack. Unit
black	770-1626	25
white	770-1627	25

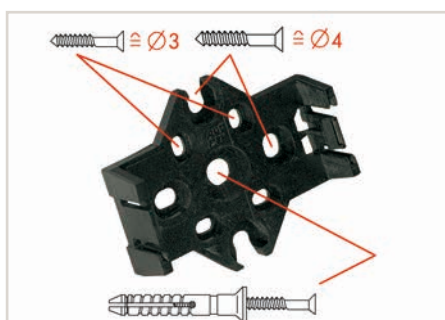


Mounting pin, for mounting plates, 6 mm Ø, 1 ... 2.5 mm plate thickness		
Color	Item No.	Pack. Unit
black	770-601	250

Mounting plate for distribution connector, 3-pole		
Color	Item No.	Pack. Unit
black	770-623	25
white	770-673	25

Mounting plate for distribution connector, 4-pole		
Color	Item No.	Pack. Unit
black	770-624	25
white	770-674	25

Mounting plate for distribution connector, 5-pole		
Color	Item No.	Pack. Unit
black	770-625	25
white	770-675	25



The mounting plate for distribution connectors can be mounted using commercially available screws or nail-drive anchors.



Secure the mounting plate via pins.

WINSTA® Boxes
Accessories
899 Series



Adapter for distribution boxes, for WINSTA® MINI connectors and WINSTA® MINI special connectors, 2-pole		
Color	Item No.	Pack. Unit
gray	890-302	100



Mounting pin for distribution boxes, for WINSTA® MIDI connectors and WINSTA® MIDI special connectors		
Color	Item No.	Pack. Unit
gray	770-630	100



Mounting plate, for distribution boxes		
	Item No.	Pack. Unit
	770-680	25

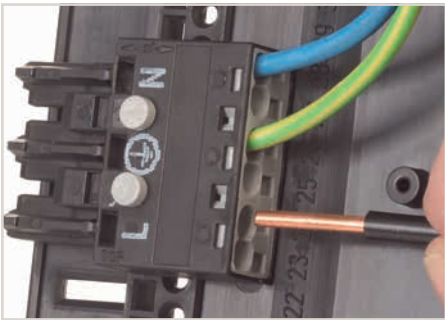
Adapter for distribution boxes, for WINSTA® MINI connectors and WINSTA® MINI special connectors, 3-pole		
Color	Item No.	Pack. Unit
gray	890-303	100

Adapter for distribution boxes, for WINSTA® MINI connectors and WINSTA® MINI special connectors, 4-pole		
Color	Item No.	Pack. Unit
gray	890-304	100

Adapter for distribution boxes, for WINSTA® MINI connectors and WINSTA® MINI special connectors, 5-pole		
Color	Item No.	Pack. Unit
gray	890-305	100



Using adapters to install WINSTA® MINI and WINSTA® MINI special connectors in a distribution box.



Using mounting pins to secure WINSTA® MIDI and WINSTA® MIDI special connectors in a distribution box .



Wall-mounted WINSTA® Distribution Box

WINSTA® IDC

Accessories

772 Series



Mounting plate,
for supply and tap-off modules

Color	Item No.	Pack. Unit
black	772-260	10



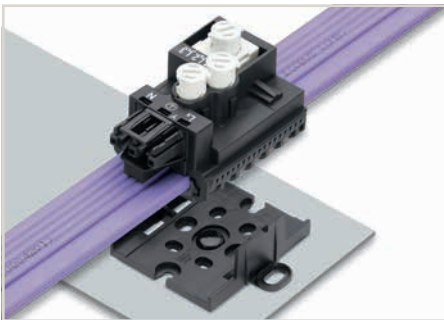
Mounting pin,
for mounting plates,
6 mm Ø, 1 ... 2.5 mm plate thickness

Color	Item No.	Pack. Unit
black	770-601	250



Lockout cap,
for socket, separable,
12-pole

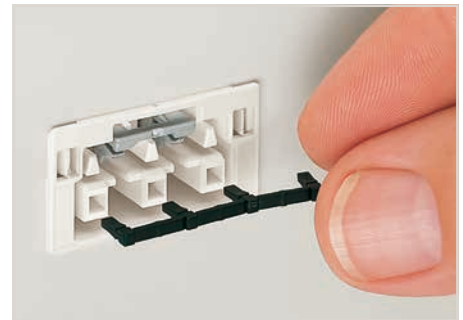
Color	Item No.	Pack. Unit
black	770-201	100
white	770-221	100



Snapping a supply or tap-off module onto a mounting plate.



Secure the mounting plate via pins.



Seal an unmated socket by simply inserting a lock-out cap. This prevents the smallest particles from entering the socket.

WINSTA® IDC
Accessories
895 Series



Cable fitting, M 40 x 1.5, clamping range: 20 ... 26 mm Ø, with O-ring gasket, plastic		
Color	Item No.	Pack. Unit
black	895-1601	5



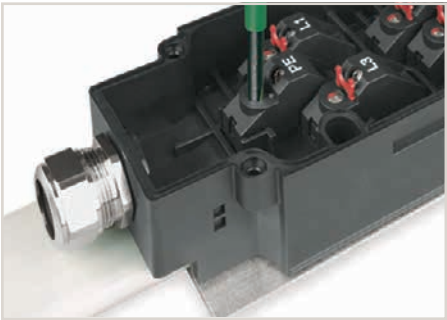
Cable fitting, M 25 x 1.5, clamping range: 20 ... 26 mm Ø, with O-ring gasket, brass		
Item No.	Pack. Unit	
895-1604	5	



Filler plug, M 25 x 1.5, with O-ring gasket, plastic		
Color	Item No.	Pack. Unit
black	895-1605	5

Cable fitting, M 25 x 1.5, clamping range: 9 ... 16 mm Ø, with O-ring gasket, plastic		
Color	Item No.	Pack. Unit
gray	895-1602	5

Cable fitting, M 25 x 1.5, clamping range: 13 ... 18 mm Ø, with O-ring gasket, plastic		
Color	Item No.	Pack. Unit
gray	895-1603	5



Tap-off module with brass cable fitting

WINSTA® IDC

Accessories

897 Series



Mounting clamp, for screw mounting, for 2 x 1.5 mm², 5 x 2.5 mm², 5 x 4 mm² and 5 x 2.5 mm² + 2 x 1.5 mm² flat cables		
Color	Item No.	Pack. Unit
gray	897-878	100



Mounting clamp, for screw mounting, for 3 x 2.5 mm² flat cables		
Color	Item No.	Pack. Unit
dark gray	897-839	200(25)

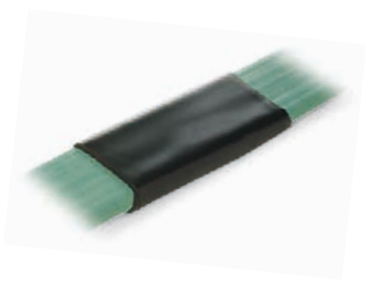


Mounting clamp, for screw mounting, for 5 x 10 mm² flat cables		
Color	Item No.	Pack. Unit
dark gray	897-859	100

WINSTA® IDC
Accessories
897 Series



Flat cable end cover, for 2 x 1.5 mm² flat cables, plastic		
Color	Item No.	Pack. Unit
transparent	897-120	10



Insulating tape, for 2 x 1.5 mm² to 5 x 10 mm² flat cables		
Color	Item No.	Pack. Unit
black	897-900	10

Flat cable end cover, for 3 x 2.5 mm² flat cables, plastic		
Color	Item No.	Pack. Unit
transparent	897-230	10

Insulating tape, for 5 x 16 mm² flat cables		
Color	Item No.	Pack. Unit
black	897-901	10

Flat cable end cover, for 5 x 2.5 mm² and 5 x 4 mm² flat cables, plastic		
Color	Item No.	Pack. Unit
transparent	897-250	10

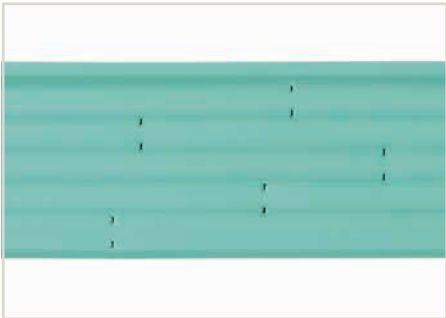
Flat cable end cover, for 5 x 2.5 mm² and 2 x 1.5 mm² flat cables, plastic		
Color	Item No.	Pack. Unit
transparent	897-260	10

Flat cable end cover, for 5 x 10 mm² flat cables, plastic		
Color	Item No.	Pack. Unit
transparent	897-1050	10

Flat cable end cover, for 5 x 16 mm² flat cables, plastic		
Color	Item No.	Pack. Unit
transparent	897-1650	4



Fit end cover to each flat cable end.



Use insulating tape to seal the contact holes in the flat cable after removing a module.

WINSTA® Operating Tools



Operating tool,
with a partially insulated shaft,
type 1, (2.5 x 0.4) mm blade

Color	Item No.	Pack. Unit
green	210-719	1

Operating tool,
with a partially insulated shaft,
type 2, (3.5 x 0.5) mm blade

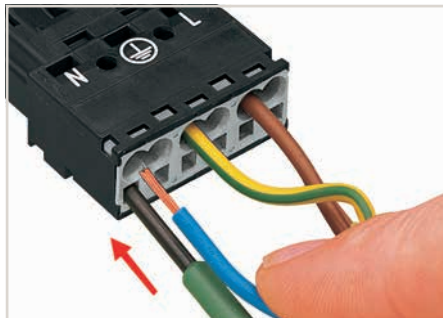
Color	Item No.	Pack. Unit
green	210-720	1

Operating tool,
with a partially insulated shaft,
type 3, (5.5 x 0.8) mm blade

Color	Item No.	Pack. Unit
green	210-721	1

Operating tool set,
with a partially insulated shaft,
includes 210-719, 210-720 and 210-721

Color	Item No.	Pack. Unit
green	210-722	1



The blade dimensions of the above-listed operating tools are ideal for operating both WINSTA® Plugs and Sockets.



Operating tool,
with a partially insulated shaft,
(6.5 x 1.4) mm blade

Color	Item No.	Pack. Unit
green	210-636	1

Operating tool,
short version,
(6.5 x 1.4) mm

Color	Item No.	Pack. Unit
green	210-635	1



Operating tools are ideally suited to operate IDC modules (772 Series).

WINSTA®

Operating Tools and Cable Cutter



Operating tool, partially insulated, for WINSTA® MINI connectors, 2-pole		
Color	Item No.	Pack. Unit
green	890-382	1



Operating tool, partially insulated, for WINSTA® MIDI connectors, 2-pole		
Color	Item No.	Pack. Unit
green	770-382	1



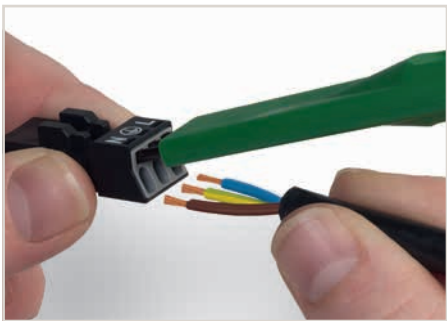
Cable cutter per VDE, for copper and aluminum cables, 0.25 ... 35 mm²		
Color	Item No.	Pack. Unit
green	206-118	1

Operating tool, partially insulated, for WINSTA® MINI connectors, 3-pole		
Color	Item No.	Pack. Unit
green	890-383	1

Operating tool, partially insulated, for WINSTA® MIDI connectors, 3-pole		
Color	Item No.	Pack. Unit
green	770-383	1

Operating tool, partially insulated, for WINSTA® MINI connectors, 4-pole		
Color	Item No.	Pack. Unit
green	890-384	1

Operating tool, partially insulated, for WINSTA® MINI connectors, 5-pole		
Color	Item No.	Pack. Unit
green	890-385	1



To terminate fine-stranded conductors, open clamping units via operating tool (890-383) and insert stripped conductors until they hit backstop.



Cutting a cable.

WINSTA® Stripping Tools



"Quickstrip 10" wire stripper,
0.02 ... 10 mm² "f-st" (6 mm² "s"),
wire cutter up to 10 mm² "f-st" (1.5 mm² "s")

Color	Item No.	Pack. Unit
black	206-124	1



"Quickstrip 16" wire stripper,
4 ... 16 mm²,
wire cutter up to 10 mm² "f-st" (1.5 mm² "s")

Color	Item No.	Pack. Unit
green	206-125	1



Stripping a conductor.



Cutting a conductor.

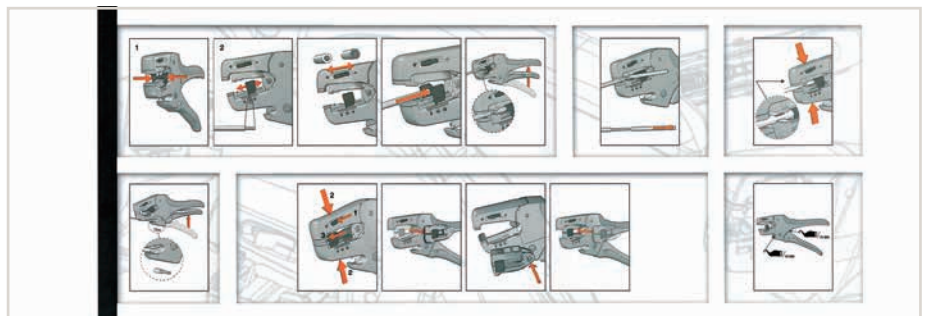
Accessories

"Standard" blade cassette,
0.02 ... 10 mm²

V-blade cassette,
0.1 ... 4 mm² for PTFE

Color	Item No.	Pack. Unit
black	206-126	1
blue	206-127	1

Color	Item No.	Pack. Unit
red	206-128	1



Operating instructions are included.

WINSTA®

Stripping Pliers, Cable Cutters, Stripping Knives



Stripping pliers, with insulated handles, for 3 x 2.5 mm² flat cables		
Color	Item No.	Pack. Unit
red	897-931	1



Cable cutter, with partially insulated handles, for 5 x 10 mm² and 5 x 16 mm² flat cables		
Color	Item No.	Pack. Unit
red	897-970	1



Stripping knife, for (5 x 10 mm²) flat cable		
Color	Item No.	Pack. Unit
light gray	897-951	1

Stripping pliers, with insulated handles, for 2 x 1.5 mm², 5 x 2.5 mm², 5 x 4 mm² and 5 x 3 x 2.5 mm² + 2 x 1.5 mm² flat cables		
Color	Item No.	Pack. Unit
red	897-971	1

Cable cutter, with partially insulated handles, for 2 x 1.5 mm², 5 x 2.5 mm², 5 x 4 mm² and 5 x 2.5 mm² + 2 x 1.5 mm² flat cables		
Color	Item No.	Pack. Unit
red	897-972	1

Stripping knife, for (5 x 16 mm²) flat cable		
Color	Item No.	Pack. Unit
light gray	897-952	1



Cut off the flat cable insulation via cable cutter.



Cut both flat cable insulation sides via stripping knife.

WINSTA® Wiring Aid



Wiring aid,
for 5-pole connectors, distribution connectors
with phase selection and IDC supply modules,
suitable for solid and stranded conductors

Color	Item No.	Pack. Unit
orange	770-100	1



Strip outer insulation, insert cable into the wiring aid and arrange the single conductors according to the marking, starting with N. Cut conductor ends to the proper length.



Strip conductor ends to a length of 9 mm (see marking). Slide connector to the stop over conductor ends.

WINSTA®
Markers and Marking Strips



Marker, for manual marking		
Color	Item No.	Pack. Unit
white	770-450	50
green	770-450/000-001	50
yellow	770-450/000-002	50
red	770-450/000-005	50
blue	770-450/000-006	50
orange	770-450/000-012	50



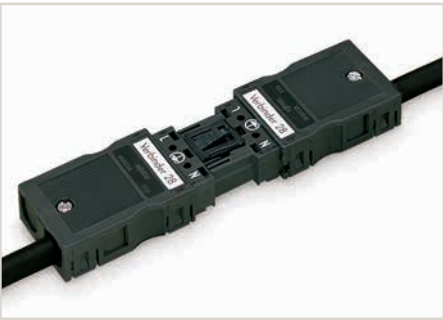
Self-adhesive marking strips, on DIN A4 cards, 182 mm long, 6 mm (40 x) high, for 770 Series		
Color	Item No.	Pack. Unit
white	210-333	1



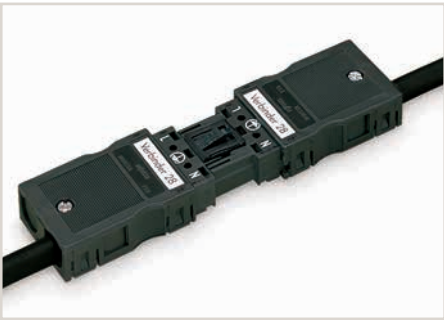
Self-adhesive marking strips, on DIN A4 cards, 182 mm long, 5 mm (48 x) high, for 771 Series		
Color	Item No.	Pack. Unit
white	210-334	1



Distribution connector with marked cables



Marking area:
Strain relief, 3-pole, 28 x 6.5 mm
Strain relief, 4-pole, 38 x 6.5 mm
Strain relief, 5-pole, 48 x 6.5 mm
Strain relief, 6-pole, 62 x 6.5 mm



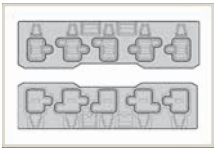
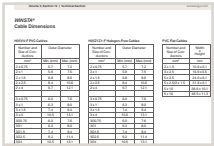
Marking area:
Strain relief, 3-pole, 22 x 5.2 mm
Strain relief, 4-pole, 32 x 5.2 mm
Strain relief, 5-pole, 42 x 5.2 mm



Technical Section

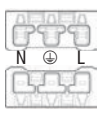
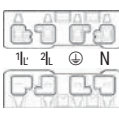
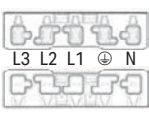
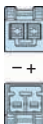
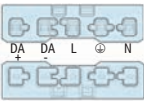
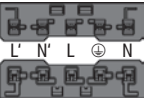
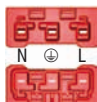
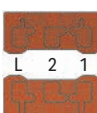
WINSTA®

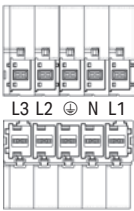
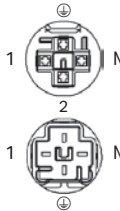
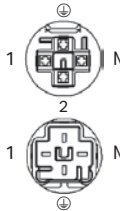
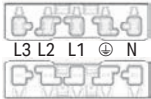
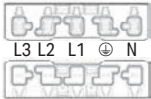
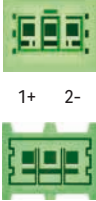
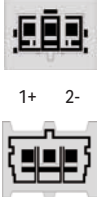
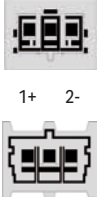
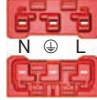
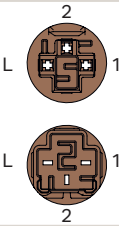
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WINSTA®**Coding Configurations**

770, 771, 772, 831, 890, 891, 893 and 894 Series

Description	WINSTA® MINI				WINSTA® MIDI			
	2-pole	3-pole	4-pole	5-pole	2-pole	3-pole	4-pole	5-pole
Series	890/891	890/891	890/891	890/891	770/771	770/771	770/771	770/771
A-coding black white e.g., general applications								
E-coding green KNX applications								
F-coding light gray specialty coding								
I-coding blue dimming								
L-coding dark gray e.g., emergency power supply								
P-coding red e.g., computer applications (UPS)								
Q-coding green "Clean Earth" applications								
R-coding orange e.g., LON® Bus								
S-coding brown e.g., switching applications								

Description	WINSTA® MAXI	WINSTA® RD		WINSTA® KNX		WINSTA® IDC	
	5-pole	3-pole	4-pole	2-pole	2-pole	3-pole	5-pole
Series	831	774	774	893/894	893/894	772	772
A-coding black white e.g., general applications		 				 	
E-coding green KNX applications F-coding light gray specialty coding				 			
I-coding blue dimming							
L-coding dark gray e.g., emergency power supply							
P-coding red e.g., computer applications (UPS)						 	
Q-coding green "Clean Earth" applications							
R-coding orange e.g., LON® Bus							
S-coding brown e.g., switching applications		 					

WINSTA® MINI special and MIDI special B-Coding

Description	WINSTA® MINI special				WINSTA® MIDI special / WINSTA® IDC			
	2-pole	3-pole	4-pole	5-pole	2-pole	3-pole	4-pole	5-pole
Series	890/891	890/891	890/891	890/891	770/771	770/771/772	770/771	770/771/772
B-coding gray								
Control and general applications (110 ... 400 V mains applications)	2 1 	3 2 1 	4 3 2 1 	5 4 3 2 1 	2 1 	3 2 1 	4 3 2 1 	5 4 3 2 1 
B-coding light green								
Control and general applications (0 ... 48 V low voltages)	2 1 	3 2 1 	4 3 2 1 	5 4 3 2 1 	2 1 	3 2 1 	4 3 2 1 	5 4 3 2 1 
B-coding pink								
Control and general applications (bus applications)	2 1 	3 2 1 	4 3 2 1 	5 4 3 2 1 	2 1 	3 2 1 	4 3 2 1 	5 4 3 2 1 

Important note:

B-Coded components within the WINSTA® MINI special and WINSTA® MIDI special families are designed for specialty applications (e.g., measurement, control and regulation technology) and certified per DIN EN 61984. In addition to the gray models rated from 110 to 400 V, there is now also a variant in light green for low voltages up to 48 V, as well as a pink one for bus applications.

Each of the three versions is available in 2-, 3- or 4- and 5-pole configurations. Pole marking can be printed at the factory to suit customer requirements. According to IEC 61535, B-coded products are protected against mismatching with all other coding types found in the WINSTA® system. Within B-coding, all special variants can mate with each other. The variable coding system provides clear circuit identification. Special variants can be clearly differentiated according to color and pole marking. They can be coded on-site or delivered with factory-installed custom coding.

WINSTA® MINI special and MIDI special

Pole Markings

Suffix Number	Marking				Application
	2-pole	3-pole	4-pole	5-pole	
without	1 2	1 2 3	1 2 3 4	1 2 3 4 5	General
/060-000	L N	L ⊕ N	N ⊕ ² IL ¹ IL'	N ⊕ L1 L2 L3	Standard 230V/400V network applications
/062-000		2 PE 1	3 PE 2 1	N PE 3 2 1	Fan Step switching
/064-000			2L ⊕ 1L L	N ⊕ L 2L 1L	230 V + switched
without	1 2	1 2 3	1 2 3 4	1 2 3 4 5	General
/071-000		U+ X/Y U-	U- S U+ X/Y		AI / AO 0 ... 10 V
/072-000			U- U+ DI AI		Presence detector incl. light sensor
/073-000		1 ⊕ 2	1 ⊕ 2 3	1 ⊕ 2 3 4	Control signal incl. ground
without	1 2	1 2 3	1 2 3 4	1 2 3 4 5	General
/080-000	I+ I-			N ⊕ L I- I+	SMI bus
/081-000		1 2 5	1 2 5 3		MP-Bus
/082-000	+ -	+ S -		N ⊕ L - +	Standard fieldbus applications

Distribution connectors and cable assemblies with above-mentioned pole markings are available upon request.

Item number example:

WINSTA® MIDI special, plug, 4-pole, light green, with U- U+ DI AI pole marking 770-274/072-000

WINSTA®**Your Questions – Our Answers****Question 1:**

Can **WINSTA®** be used in low-voltage range applications?

Compliance of **WINSTA®** products with the low-voltage directive is verified by CE approval.

Question 2:

Can I wire the entire electrical installation of an operational building using **WINSTA®**?

The **WINSTA®** system allows the entire electrical installation to be wired on both sides of the floor distribution boards.

Question 3:

What needs to be considered for the changeover from NYM cables for permanent installation to pluggable installation using fine-stranded wires?

The changeover area must be secured properly in order to protect the NYM cable from excessive bending stress. In addition, all terminals must be protected against shear and tensile stress.

Question 4:

What needs to be considered when there is a concentration of **WINSTA®** cables, e.g., in a cable duct?

As a result of heat build-up, it might be necessary to reduce the current carrying capacity or to increase the cross-section from e.g., 2.5 mm² to 4 mm² (14 to 12 AWG).

Question 5:

Where may I use **WINSTA®** for installation?

Anywhere there is enough space for connectors and cables, e.g., in cable ducts, false floors or plasterboard walls and suspended ceilings. The provisions outlined in VDE 0100 must always be observed.

Question 6:

What needs to be considered if there is a cross-section reduction?

The minimum conductor cross-section must be adapted to the connected load. More protection measures are only required if the cable with the reduced cross-section to the connected load is longer than 3 m (see VDE 0100, Nov. 1991, Part 430).

Question 7:

Are there distribution boxes with **WINSTA®** components available?

Yes. WAGO offers a variety of distribution boxes with different functions (e.g., DALI-Bus, KNX applications, sun blind control) ready for connection with **WINSTA®** Pluggable Connectors.

Question 8:

May I split a three-phase circuit using **WINSTA®**?

It must be ensured that all three phases can be simultaneously switched off (e.g., via 3-pole safety cutout or circuit breaker). **WINSTA®** offers several convenient solutions, such as three-phase to single-phase distribution connectors, distribution connectors with phase selection, intermediate couplers from 5 poles to 3 poles and customized distribution boxes.

Question 9:

What safety features does *WINSTA*® provide when designing different circuits, such as GPS (general power supply), SPS (secure power supply) or UPS (uninterruptible power supply)?

Coding **A** (black/white), **E** (green), **F** (light gray), **I** (blue), **L** (dark gray), **P** (red), **Q** (green), **R** (orange) and **S** (brown) are foolproof safety measures that prevent mistaken plugging.

Question 10:

Are there custom marking options for *WINSTA*® components?

Of course, flexible marking is part of a flexible connector system. This is why *WINSTA*® also offers custom solutions.

Question 11:

Can I also integrate two relays in a *WINSTA*® Distribution Box in order to control blind motors?

Yes. It is even possible to integrate up to three 6 mm wide relays into a *WINSTA*® Distribution Box.

Question 12:

Is the *WINSTA*® system protected against accidental contact?

All *WINSTA*® system components are protected against accidental contact, maximizing safety.

Question 13:

Can two electrical circuits (even those with different voltages) be routed in one connector/cable?

According to VDE 0100 Part 520, this is acceptable when the connector, or all of the wire insulation present in the cable line is rated for the maximum voltage applied.

Question 14:

What needs to be considered for installations in rooms requiring increased fire protection?

In accordance with VDE 0100 Part 482.1.11, H07RN-F cables must be used on account of their greater mechanical strength **❶**.

Question 15:

Is *WINSTA*® intended for applications in open or easily accessible areas?

Specialty products are available for such applications (see page 148).

❶ *WINSTA*® Cables Assemblies with H07RN-F cables are available upon request.

WINSTA® Cable Dimensions

H05VV-F PVC Cables

Number and Size of Con- ductors	Outer Diameter	
	Min. (mm)	Max. (mm)
mm ²		
2 x 0.75	5.7	7.2
2 x 1	5.9	7.5
2 x 1.5	6.8	8.6
2 x 2.5	8.4	10.6
2 x 4	9.7	12.1
3 x 0.75	6.0	7.6
3 x 1	6.3	8.0
3 x 1.5	7.4	9.4
3 x 4	10.5	13.1
3G0.75	6.0	7.6
3G1	6.3	8.0
3G1.5	7.4	9.4
3G2.5	9.2	11.4
3G4	10.5	13.1
4 x 1	7.1	9.0
4 x 1.5	8.4	10.5
4G0.75	6.6	8.3
4G1	7.1	9.0
4G1.5	8.4	10.5
4G2.5	10.1	12.5
4G4	11.5	14.3
5G0.75	7.4	9.3
5G1	7.8	9.3
5G1.5	9.3	11.6
5G2.5	11.2	13.9

H05Z1Z1-F Halogen-Free Cables

Number and Size of Con- ductors	Outer Diameter	
	Min. (mm)	Max. (mm)
mm ²		
2 x 0.75	5.7	7.2
2 x 1	5.9	7.5
2 x 1.5	6.8	8.6
2 x 2.5	8.4	10.6
2 x 4	9.7	12.1
3 x 0.75	6.0	7.6
3 x 1	6.3	8.0
3 x 1.5	7.4	9.4
3 x 4	10.5	13.1
3G0.75	6.0	7.6
3G1	6.3	8.0
3G1.5	7.4	9.4
3G2.5	9.2	11.4
3G4	10.5	13.1
4 x 1	7.1	9.0
4 x 1.5	8.4	10.5
4G1	7.1	9.0
4G1.5	8.4	10.5
4G2.5	10.1	12.5
5G1	7.8	9.3
5G1.5	9.3	11.6
5G2.5	11.2	13.9
5G4	13.0	16.1

PVC Flat Cables

Number and Size of Con- ductors	Width x Height
mm ²	mm
2 x 1.5	10.9 x 6.1
3 x 2.5	16.9 x 6.5
5 x 2.5	24.0 x 6.1
5 x 2.5/2 x 1.5	31.9 x 6.1
5 x 10	38.6 x 10.1
5 x 16	48.5 x 11.3

Halogen-Free Flat Cables

Number and Size of Con- ductors	Width x Height
mm ²	mm
2 x 1.5	10.9 x 6.1
3 x 2.5	16.4 x 6.3
5 x 2.5	24.1 x 6.1
5 x 4	24.1 x 6.1
5 x 2.5/2 x 1.5	31.9 x 6.1
5 x 10	38.6 x 10.1
5 x 16	48.5 x 11.3

International Certification Organizations – Overview

		Abbreviation			Abbreviation
	Underwriters Laboratories USA http://www.ul.com	UL		Danmarks Elektriske Materiel-kontrol Denmark http://www.demko.dk	DEMKO
	Underwriters Laboratories USA http://www.ul.com	UL		CENELEC CERTIFICATION AGREEMENT Danmarks Elektriske Materiel-kontrol Denmark http://www.cenelec.org	CCA Appr. No. with NL
Y	Underwriters Laboratories USA http://www.ul.com	cURus			
	Underwriters Laboratories USA http://www.ul.com	cULus		SETI – FEMKO Sähkötarastuskeskus Elin-spektionscentralen Finland http://www.seti.fi	
	Canadian Standards Association Canada http://www.csa.ca	CSA		Sähkötarastuskeskus Elin-spektionscentralen Finland http://www.fimko.com	FIMKO
	VDE-Gutachten mit Ferti-gungsüberwachung Germany http://www.vde.de/vde/html/e/home.htm	VDE	SABS	South African Bureau of Stan-dards South Africa http://www.sabs.co.za	SABS
	VDE – Deutscher Verband für Elektrotechnik Germany http://www.vde.de			RosTesT Russia http://www.rostest.ru	ROTEST
VDE	VDE – Prüfbericht Germany			Departamentul Moldovastan-dard Moldova http://www.moldova.md/ro/government/oll/D_STAND/en/strcent2.htm	CSM
	Österreichischer Verband für Elektrotechnik Austria http://www.ove.at	ÖVE			
	Schweizerischer Elektrotech-nischer Verein Switzerland http://www.sev.ch/	SEV		Certificate of Registration Great Britain http://www.astacertification.com	ASTA
	N.V. tot Keuring van Elektro-technische Materialen Netherlands http://www.kema.nl	KEMA		Rheinisch-Westfälischer Tech-nischer Überwachungsverein e.V. Germany http://www.rwtuv.de	RWTuv
CCA	CENELEC CERTIFICATION AGREEMENT N.V. tot Keuring van Elektro-technische Materialen Netherlands http://www.cenelec.org	CCA Appr. No. with NL		Elektrotechnický ústav kumý a projektový ústav Czech Republic http://www.ezu.cz	EZU
	Norges Elektriske Materialkon-troll Norway http://express.nemko.com	NEMKO		Stowarzyszenie Elektrykow Polskich Poland http://www.sep.com.pl	BBJ
	Svenska Elektriska Materiel-kontrollanstalten AB Sweden http://www.semko.com	SEMKO		Stowarzyszenie Elektrykow Polskich Poland http://www.bbj.pl	SEP

For complete, up-to-date approval information, visit www.wago.com.

		Abbreviation			Abbreviation
CNET	Centre National d'Etudes des Télécommunications France http://www.lannion.cnet.fr	CNET		Robbanásbiztos Villamos Berendezések Hungary http://www.bki.hu	BKI
LCIE	Laboratoire Central des Industries Electriques France http://www.lcie.fr	LCIE	CB	CB – TEST CERTIFICATE India http://www.ul-europe.com	CB
	Fyzikálne Technické ústavy Ústav, Ostrava-Radvanice Czech Republic http://www.ftzu.cz	FTZU	CB	CB – TEST CERTIFICATE China http://www.ul-europe.com	CB
				UL-International Demko A/S Denmark http://www.ul-europe.com	ENEC
Marine Approvals			Ex Approvals		
	Germanischer Lloyd Germany http://www.gl-group.com	GL		Physikalisch Technische Bundesanstalt Germany Ex e II http://www.ptb.de	PTB
	Bureau Veritas France http://www.bureauveritas.fr	BV			
	Lloyd's Register of Shipping Great Britain http://www.lloydsregister.com	LR		Underwriters Laboratories USA http://www.ul.com	cURus-EX
	NV – Det Norske Veritas Norway http://www.dnv.com	DNV		N.V. tot Keuring van Elektrotechnische Materialen Netherlands http://www.kemaquality.com	KEMA-EX
	Russian Maritime Register of Shipping GUS http://www.rs-head.spb.ru	RMR		GOSENERGO-Ex GOSENERGONADZOR Russia	GOSENERGO-EX
	Polski Rejestr Statków Poland http://www.prs.pl	PRS		Fyzikálne Technické ústavy Ústav, Ostrava-Radvanice Czech Republic http://www.ftzu.cz	FTZU
	Korean Register of Shipping Korea http://www.krs.co.kr	KR		Robbanásbiztos Villamos Berendezések Hungary http://www.bki.hu	BKI-Ex
	American Bureau of Shipping USA http://www.eagle.org	ABS			

Electrical Engineering Laboratory Product Safety for Our Customers

WAGO's Minden, Germany laboratory is an "accredited test lab for electrical and mechanical tests on terminal blocks and connectors, as well as for environment simulations."

Accreditation, as ISO/IEC 17011:2004 defines, is a third-party attestation related to a conformity assessment body conveying formal demonstration of its competence to carry out specific conformity assessment tasks.

Accreditation, according to DIN EN ISO/IEC 17025, is granted by the Deutsche Akkreditierungsstelle GmbH DAkkS (German Accreditation Office GmbH DAkkS). This national accreditation office, which was established by the German Federal Ministry for Economics and Technology (BMWi), certifies that our test laboratory is officially recognized as possessing the necessary expertise to conduct defined tests and types of tests independently and objectively.

Through obtaining the accreditation, the following objectives were achieved:

- Exceeding customer requirements
- Workflow optimization
- Clearly defined processes
- Clear organization and structure
- Greater transparency
- Consistent, high-quality laboratory testing
- Maximum traceability
- Traceable measurement results
- Sustainable quality awareness

Visitor center



High-voltage test



Vibration- and shock-resistance testing



Conductor retention force testing



Deutsche Akkreditierungsstelle GmbH

Beliehene gemäß § 8 Absatz 1 AkkStelleG i.V.m. § 1 Absatz 1 AkkStelleGBV
Unterzeichnerin der Multilateralen Abkommen
von EA, ILAC und IAF zur gegenseitigen Anerkennung

Akkreditierung



Die Deutsche Akkreditierungsstelle GmbH bestätigt hiermit, dass das Prüflaboratorium

WAGO Kontakttechnik GmbH & Co. KG
Hansastraße 27, 32423 Minden

die Kompetenz nach DIN EN ISO/IEC 17025:2005 besitzt, Prüfungen in folgenden Bereichen durchzuführen:

**Elektrische und mechanische Prüfungen an Klemmen und Steckverbinder
sowie Umweltsimulation**

Die Akkreditierungsurkunde gilt nur in Verbindung mit dem Bescheid vom 18.12.2014 mit der Akkreditierungsnummer D-PL-19704-01 und ist gültig bis 17.12.2019. Sie besteht aus diesem Deckblatt, der Rückseite des Deckblatts und der folgenden Anlage mit insgesamt 5 Seiten.

Registrierungsnummer der Urkunde: **D-PL-19704-01-00**

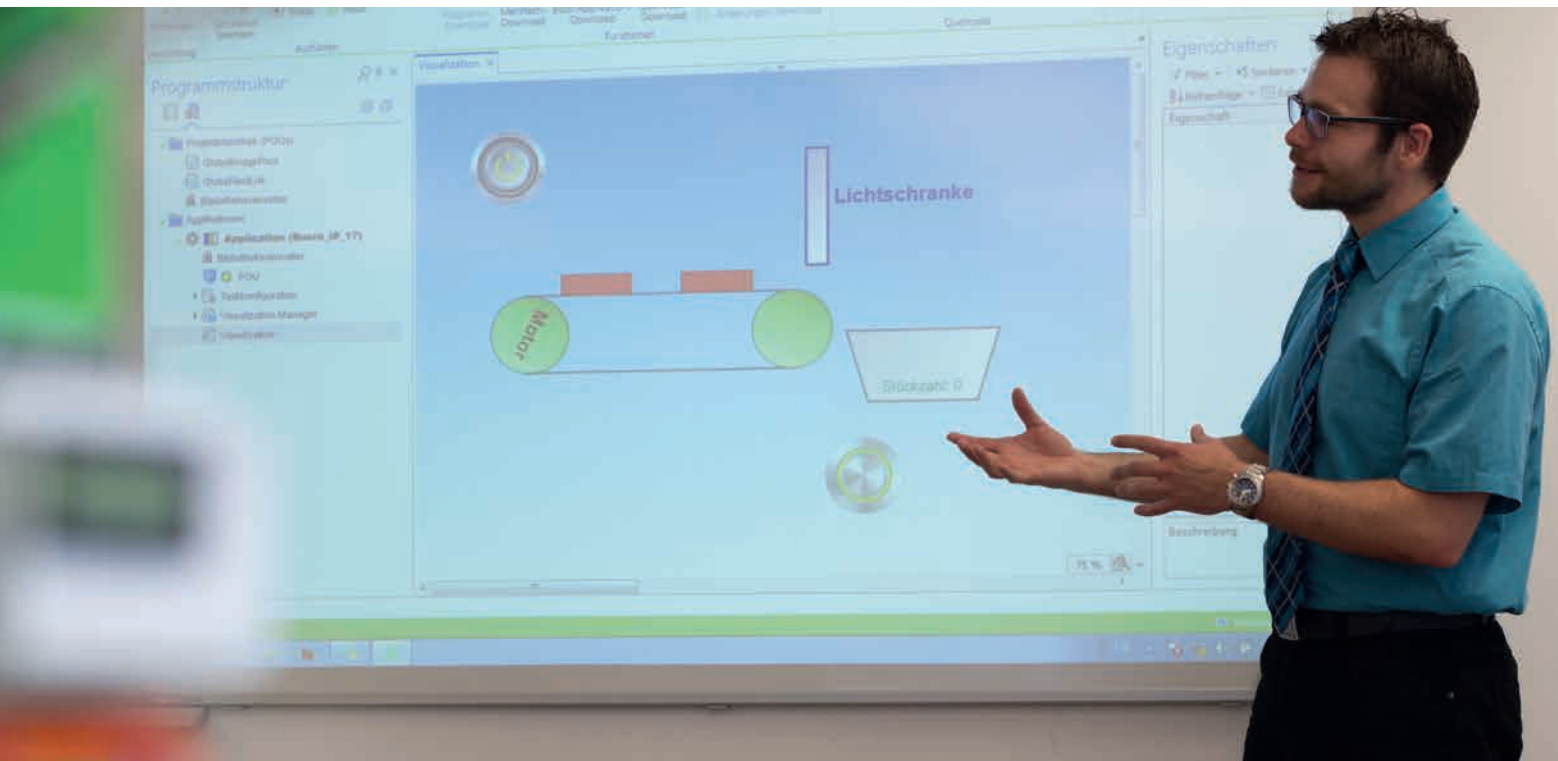
Frankfurt am Main, 18.12.2014

Siehe Hinweise auf der Rückseite

Im Auftrag Dipl.-Ing. (FH) Ralf Egner
Abteilungsleiter

WAGO Seminars

Learn Today – Benefit Tomorrow



Setting the Bar with Your Goals

Product-Related and Customer-Specific Seminars



Small Groups

The small class sizes of WAGO training seminars ensures that no question goes unanswered and no one is overlooked.



Teamwork

Learning as a group is very effective. Ideas can be discussed and exchanged while experiences can be shared – all for the benefit of the participants.



Practical Topics

Experience has shown that practice makes perfect. This is why the focus of every WAGO training seminar is on practical, hands-on learning.

WAGO Seminars

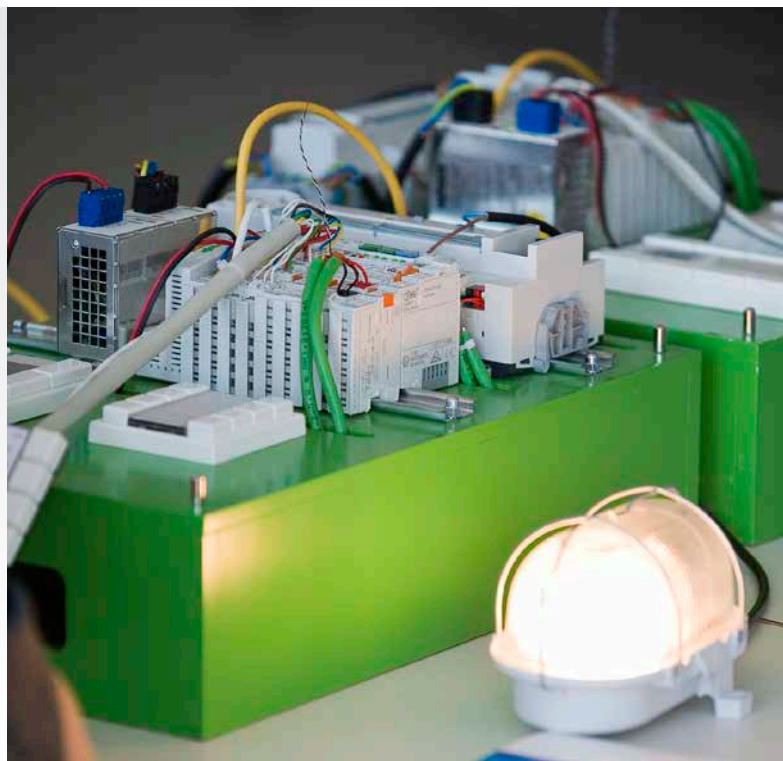
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- Programming of automation components
- Fieldbus systems

**Current seminars:
www.wago.com**

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In addition to these open-forum seminars, we also offer sessions that are specifically tailored to your organization.

Upon request, we can also conduct these seminars at your location.

**Special
corporate seminars**



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WINSTA®
Indexes and Addresses

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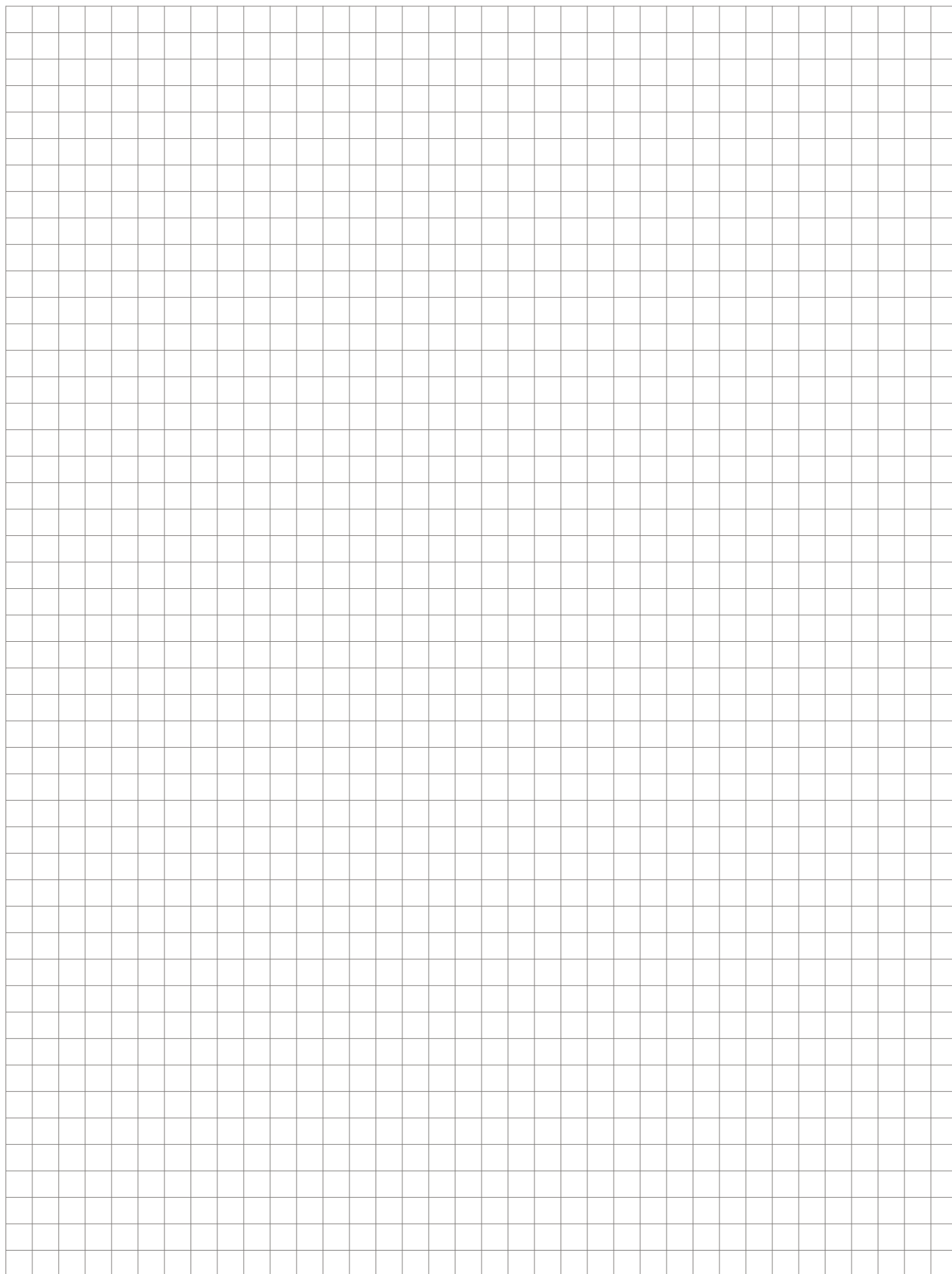
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This image shows a full page of blank graph paper. The grid consists of small, uniform squares formed by thin, light gray lines. There are no margins, text, or other markings on the page.



This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin, light gray lines. There are 20 columns and 20 rows of squares, creating a total of 400 square units. The background is white, and the grid lines are evenly spaced both horizontally and vertically.

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