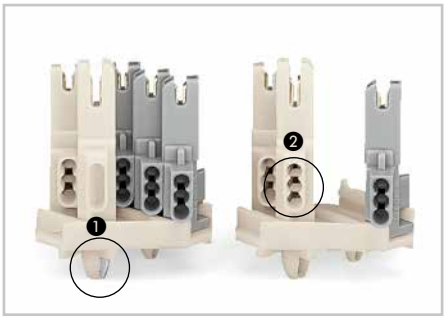
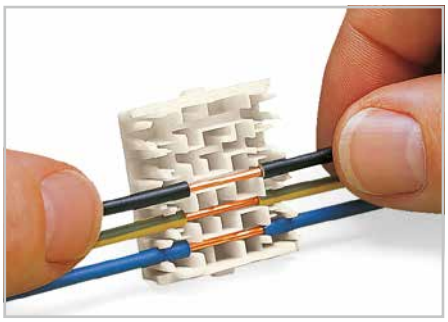
Description and Handling
267 Series for Partially Stripped Conductors

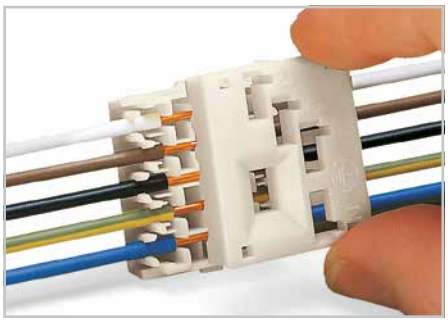


❶ Female connector with direct ground contact to lighting fixture panel.

❷ Base female connector with PUSH WIRE® connection for ground conductors.

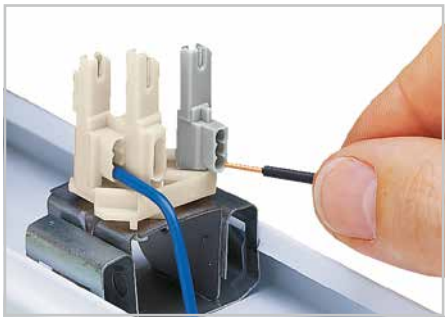


Snapping partially stripped conductor into base of conductor support. Conductor supports replace standard female connectors.

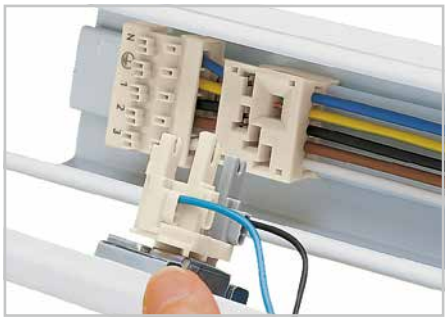


Latching conductor support cover.

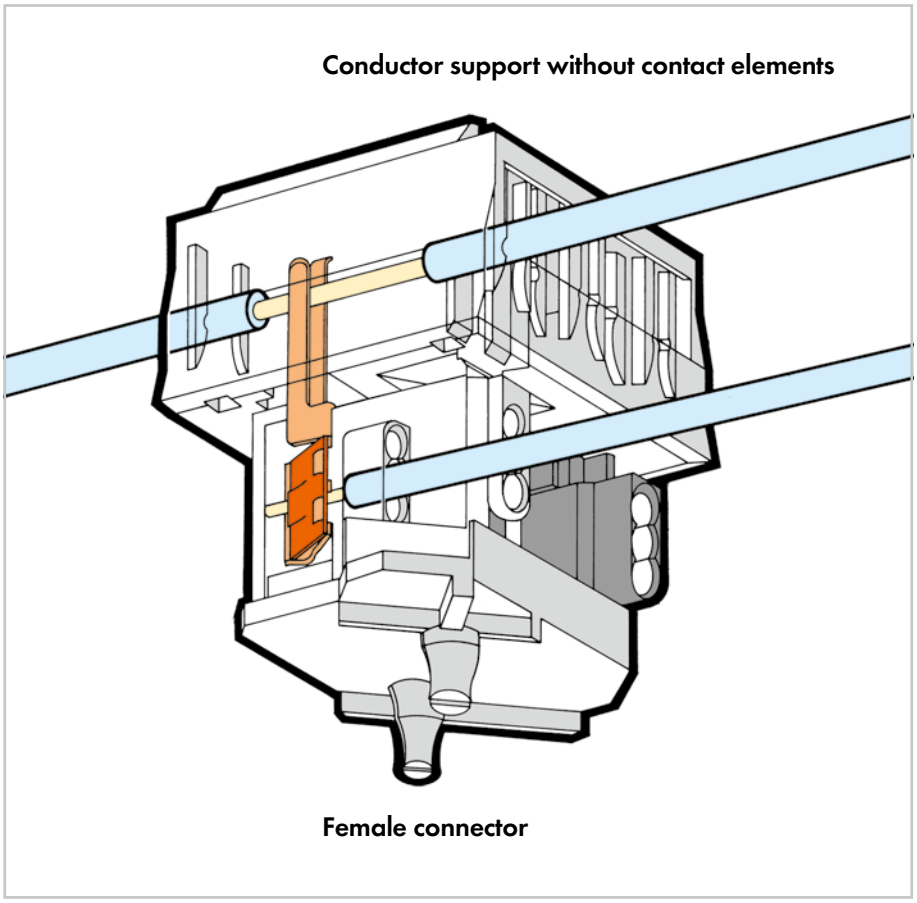
267 Series



Inserting stripped conductor until it hits backstop.

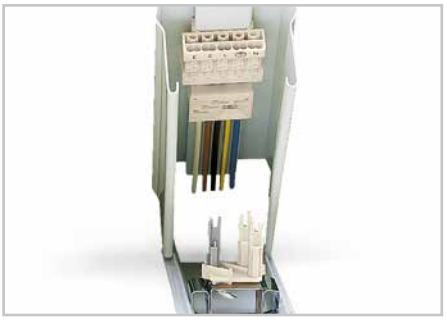


Inserting female connector into conductor support.



Power supply connector with direct ground contact to lighting fixture panel.

Connector with snap-on foot for rail mounting.



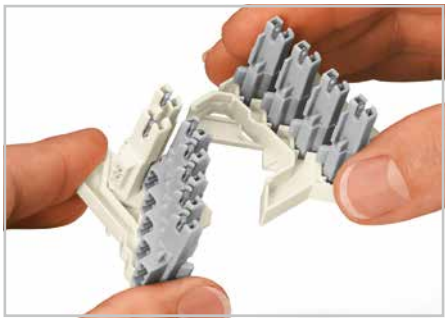
Fluorescent lighting fixture with female and power supply connectors.

PUSH WIRE® clamps the following copper conductors:

solid

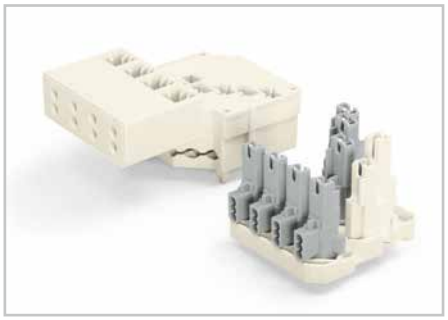
Base female connector with PUSH WIRE® connection for ground conductors.

Snap-on type female connector, 2- to 4-pole.

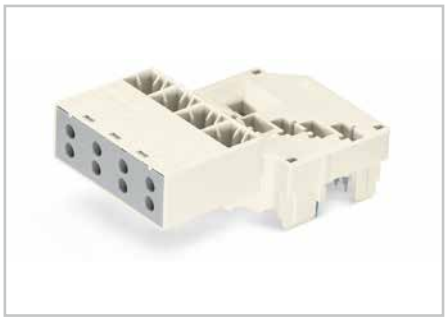


Securing base and snap-on type female connectors together (system expansion: 7 + 4 poles).

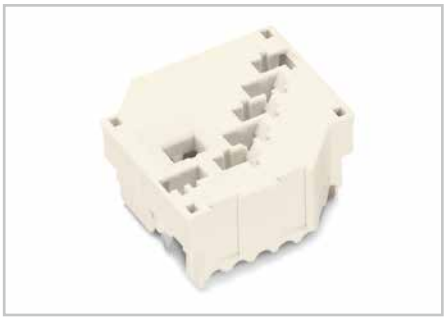
267 Series



System expansion assembly: female connector and conductor support.



System expansion assembly: conductor support.

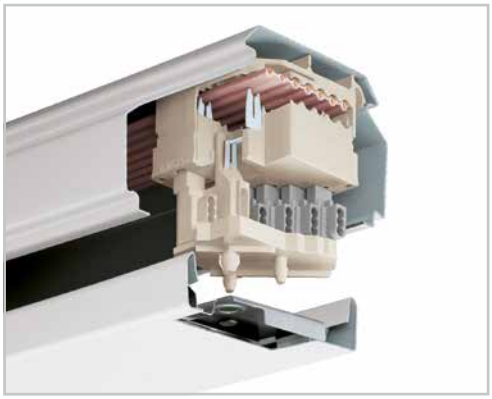


Conductor support cover with dovetail mount for snap-on type conductor support.

Snap-on type conductor support, 4-pole.

Securing the snap-on type conductor support to the cover (system expansion: 7 + 4 poles).

Connector System with Phase Selection for Fluorescent Lighting Fixtures
Conductor Supports
267 Series



267 Series for Partially Stripped Conductors

- Contact-free conductor support
- Compact design

267 Series with Insulation Displacement Connection (IDC)

- Flexible, modular 5- to 11-pole connector system
- IDC connection for through-wiring applications
- Scalable – future system expansions also possible

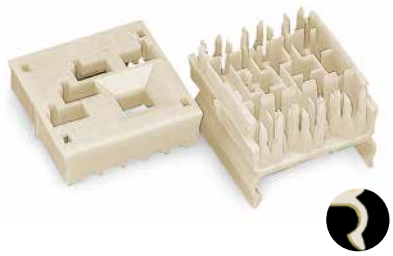
Technical data:	PUSH WIRE® connection	PUSH WIRE® connection	IDC connection
	Connector for in-line mounting of fluorescent lighting fixtures and snap-on type conductor support	Female connector	Conductor support
Rating per	IEC/EN 61984	IEC/EN 61984	IEC/EN 61984
Overvoltage category	II	II	II
Pollution degree	2	2	2
Rated voltage	500 V	500 V	500 V
Rated surge voltage	4 kV	4 kV	4 kV
Nominal current	16 A	6 A	6 A
Approvals per	UL 1977	UL 1977	UL 1977
Rated voltage	600 V	600 V	600 V
Nominal current UL	15 A	6 A	6 A

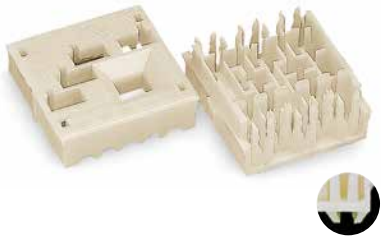
Material data:

Material group	I
Insulating material	Polyamide 6.6 (PA 6.6)
Temperature stability	105 °C
Flammability rating per UL 94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	tin-plated

Connection System with Phase Selection for Fluorescent Lighting Fixtures
Conductor Supports – Partially Stripped Conductors

With snap-on foot		With dovetail		With custom foot	
5 x 1.5 ... 2.5 mm² "sol."	5 x AWG 16 – 14 "sol."	5 x 1.5 ... 2.5 mm² "sol."	5 x AWG 16 – 14 "sol."	5 x 1.5 ... 2.5 mm² "sol."	5 x AWG 16 – 14 "sol."
500 V/4 kV/2 6 A	600 V/6 A	500 V/4 kV/2 6 A	600 V/6 A	500 V/4 kV/2 6 A	600 V/6 A



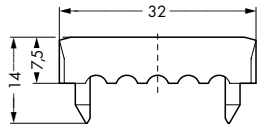


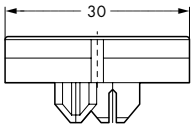
Pole No.	Pole Marking	Item No.	Pack. Unit
Conductor support with snap-on foot, consisting of base and cover, with molded pole marking on cover, white			
Cover			
5	N ⏚ 1 2 3	**267-140**	500
Base			
5		**267-141**	500

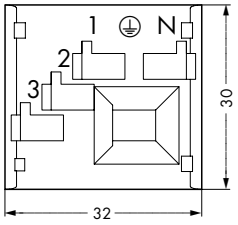
Pole No.	Pole Marking	Item No.	Pack. Unit
Conductor support with dovetail, consisting of base and cover, with molded pole marking on cover, white			
Cover			
5	N ⏚ 1 2 3	**267-140**	500
Base			
5		**267-143**	500

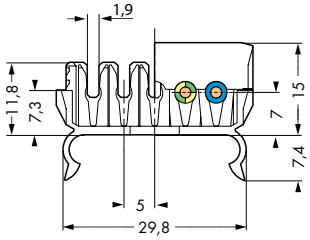
Pole No.	Pole Marking	Item No.	Pack. Unit
Conductor support with custom foot, consisting of base and cover, with molded pole marking on cover, white			
Cover			
5	N ⏚ 1 2 3	**267-140**	500
Base			
5		**267-...** ❶	500

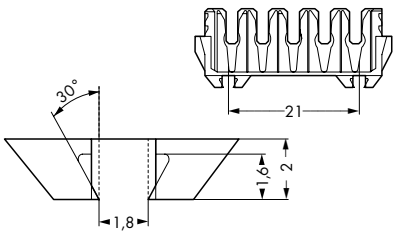
❶ acc. to customer specifications

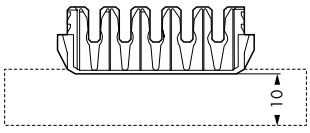


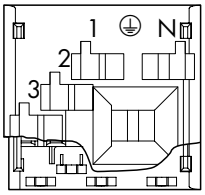


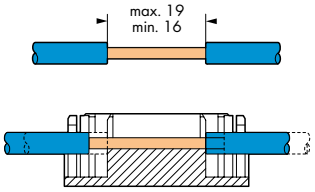












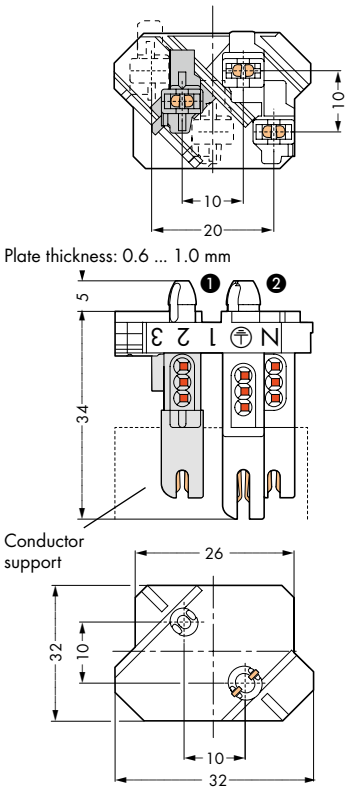
Connection System with Phase Selection for Fluorescent Lighting Fixtures, Female Connectors – Partially Stripped Conductors

PUSH WIRE®

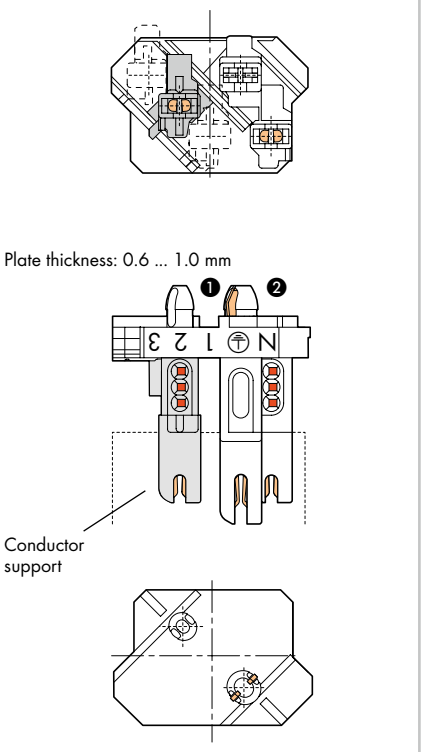
With PUSH WIRE® connection for ground conductors		With direct ground contact	
0.5 ... 1 mm² "sol."	AWG 22 ... 18 "sol."	0.5 ... 1 mm² "sol."	AWG 22 ... 18 "sol."
500 V/4 kV/2 6 A	600 V/6 A	500 V/4 kV/2 6 A	600 V/6 A
8 mm / 0.31 in.		**8 mm / 0.31 in.**	

Pole No.	Item No.	Pack. Unit
Female connector with snap-in mounting feet and PUSH WIRE® connection for ground conductors, white /gray, with molded pole marking, gray female connector for phase selection to 1 – 2 – 3 (not possible with 5-pole female connectors)		
3	**267-113**	500
4	**267-114**	500
5	**267-115**	500

Pole No.	Item No.	Pack. Unit
Female connector with snap-in mounting feet and direct ground contact, white /gray, with molded pole marking, gray female connector for phase selection to 1 – 2 – 3 (not possible with 5-pole female connectors)		
3	**267-123**	500
4	**267-124**	500
5	**267-125**	500



❶ Diameter of drilled hole: 4.2 mm
❷ Diameter of drilled hole: 5.2 mm

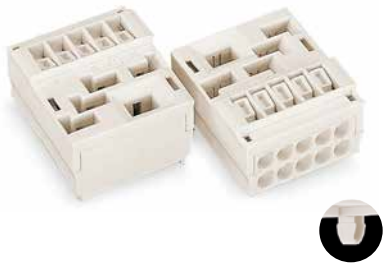


❶ Diameter of drilled hole: 4.2 mm
❷ Diameter of drilled hole: 5.2 mm
Drilled hole for direct ground contact must be free of varnish and oxide films. Equipped with varnished metal plates upon request.

Approvals are available online at: www.wago.com

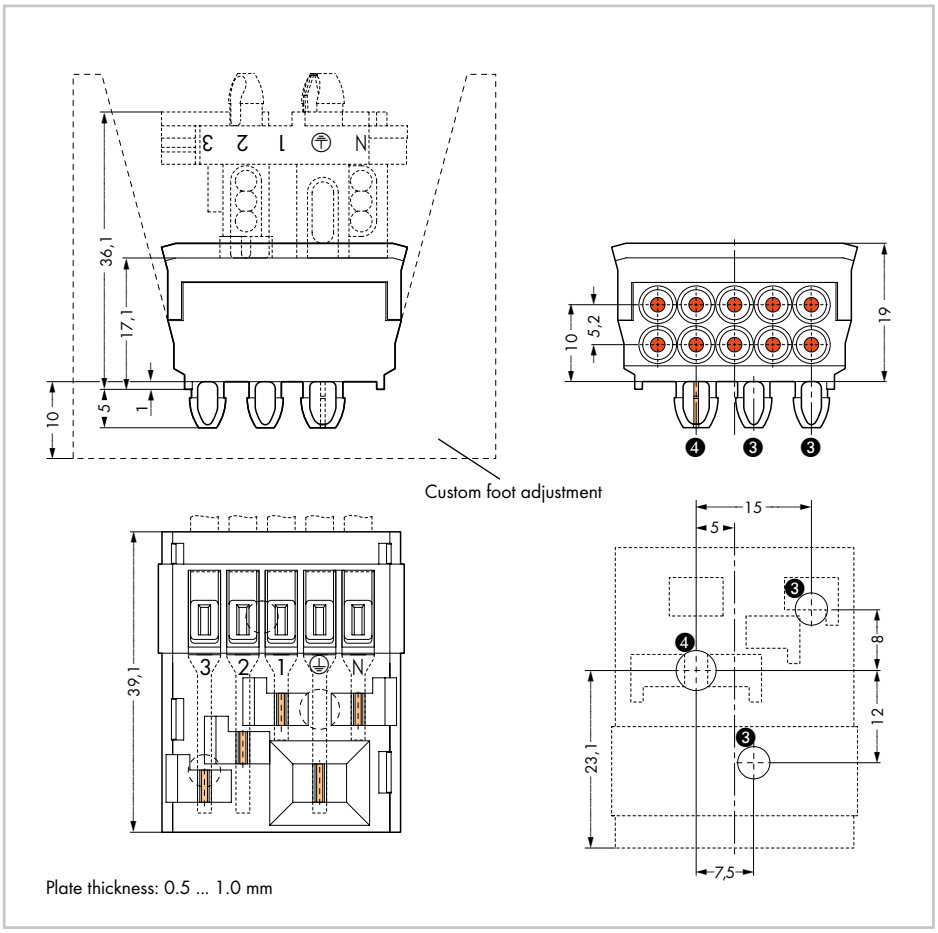
Connector System with Phase Selection for Fluorescent Lighting Fixtures, Conductor Supports with Power Supply Connections

	With direct ground contact	
5 x 2/1.5 ... 2.5 mm² "sol." | 5 x AWG 16 ... 14 "sol."	5 x 2/1.5 ... 2.5 mm² "sol." | 5 x AWG 16 ... 14 "sol."	
500 V/4 kV/2 6 A | 600 V/6 A	500 V/4 kV/2 6 A | 600 V/6 A	
11 ... 12 mm / 0.45 in.	**11 ... 12 mm / 0.45 in.**	



Pole No.	Pole Marking	Item No.	Pack. Unit
Conductor support with power supply connection and snap-in mounting feet, white			
3	N **PE** 1	**267-313**	50
4	N **PE** 1 2	**267-314**	50
3	N **PE** 1 2 3	**267-315**	50

Pole No.	Pole Marking	Item No.	Pack. Unit
Conductor support with power supply connection and snap-in mounting feet, with direct ground contact, white			
3	N **PE** 1	**267-303**	50
4	N **PE** 1 2	**267-304**	50
3	N **PE** 1 2 3	**267-305**	50

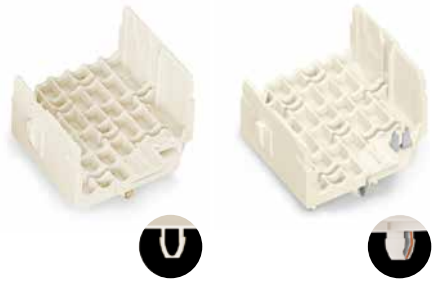


❸ Diameter of drilled hole: 4.2 mm
❹ Diameter of drilled hole: 5.2 mm
Drilled hole for direct ground contact must be free of varnish and oxide films. Equipped with varnished metal plates upon request.

Connection System with Phase Selection for Fluorescent Lighting Fixtures, Conductor Supports with Insulation Displacement Connection (IDC)

FIT CLAMP®

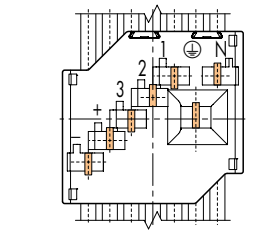
With dovetail guide and IDC contacts		With direct ground contact		Snap-on type conductor support	
1.5 ... 2.5 mm² "sol."	AWG 16 ... 14 "sol."	1.5 ... 2.5 mm² "sol."	AWG 16 ... 14 "sol."	500 V/4 kV/2 16 A	600 V/15 A
500 V/4 kV/2 6 A	600 V/6 A	500 V/4 kV/2 6 A	600 V/6 A	**11 ... 12 mm / 0.45 in.**	

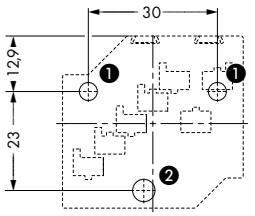


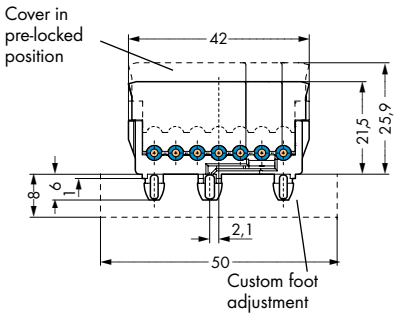
Pole No.	Pole Marking	Item No.	Pack. Unit
Conductor support cover, with dovetail guide and IDC contacts, with molded pole marking, white			
5	N ⏚ 1 2 3	**267-435**	50
7	N ⏚ 1 2 3 + -	**267-437**	50

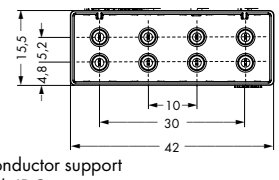
Item No.	Pack. Unit
Conductor support base with snap-in mounting feet, white	
without snap-in ground contact	
267-412	250
with snap-in ground contact	
267-422	500

Color	Item No.	Pack. Unit
Snap-on type conductor support, 4-pole		
0.75 ... 1.5 mm²		
◯ Cover, white	**267-324**	500
1.5 ... 2.5 mm²		
● Cover, gray	**267-328**	500

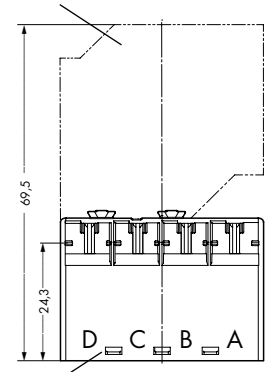








Conductor support with IDC contacts



Snap-on type conductor support

❶ Diameter of drilled hole: 4.2 mm
❷ Diameter of drilled hole: 5.2 mm

Connection System with Phase Selection for Fluorescent Lighting Fixtures, Female Connectors for Conductor Supports with Insulation Displacement Connection (IDC)

with PUSH WIRE® connection for ground conductors and strain relief plate		With PUSH WIRE® connection for ground conductors		With direct ground contact	
0.5 … 1 mm² "sol."	AWG 22 … 18 "sol."	0.5 … 1 mm² "sol."	AWG 22 … 18 "sol."	0.5 … 1 mm² "sol."	AWG 22 … 18 "sol."
500 V/4 kV/2 6 A	600 V/6 A	500 V/4 kV/2 6 A	600 V/6 A	500 V/4 kV/2 6 A	600 V/6 A
8 mm / 0.31 in.		8 mm / 0.31 in.		8 mm / 0.31 in.	

Pole No.	Item No.	Pack. Unit
Female connector with PUSH WIRE® connection for ground conductors and strain relief plate, white/gray		
3	**267-223**	500
4	**267-224**	500
5	**267-225**	500
6	**267-226**	500
7	**267-227**	500

Pole No.	Item No.	Pack. Unit
Female connector with snap-in mounting feet and PUSH WIRE connection for ground conductors, white /gray, with molded pole marking, gray female connector for phase selection to 1, 2, 3, +, – (not possible with 7-pole female connectors)		
3	**267-163**	500
4	**267-164**	500
5	**267-165**	500
6	**267-166**	500
7	**267-167**	500

Pole No.	Item No.	Pack. Unit
Female connector with snap-in mounting feet and direct ground contact, white /gray, with molded pole marking, gray female connector for phase selection to 1, 2, 3, +, – (not possible with 7-pole female connectors)		
3	**267-173**	500
4	**267-174**	500
5	**267-175**	500
6	**267-176**	500
7	**267-177**	500

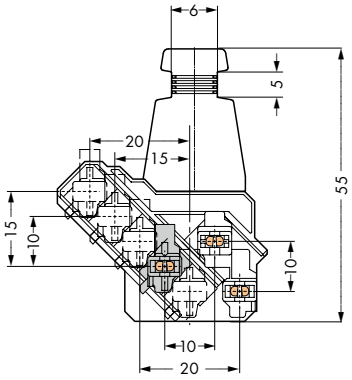


Plate thickness: 0.6 … 1.0 mm

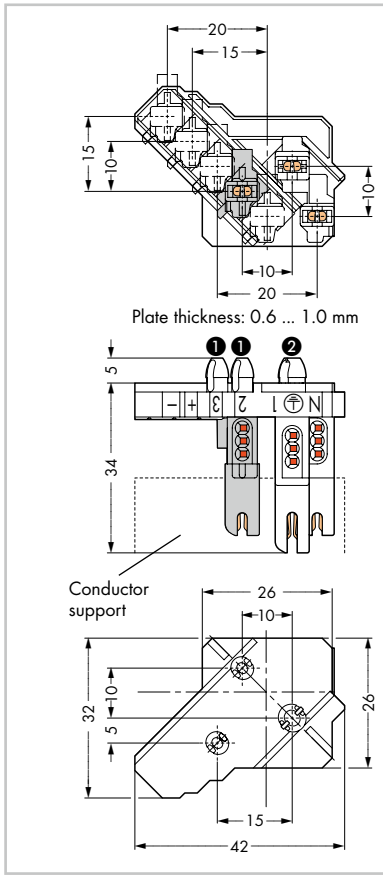


Plate thickness: 0.6 … 1.0 mm

❶ Diameter of drilled hole: 4.2 mm
❷ Diameter of drilled hole: 5.2 mm

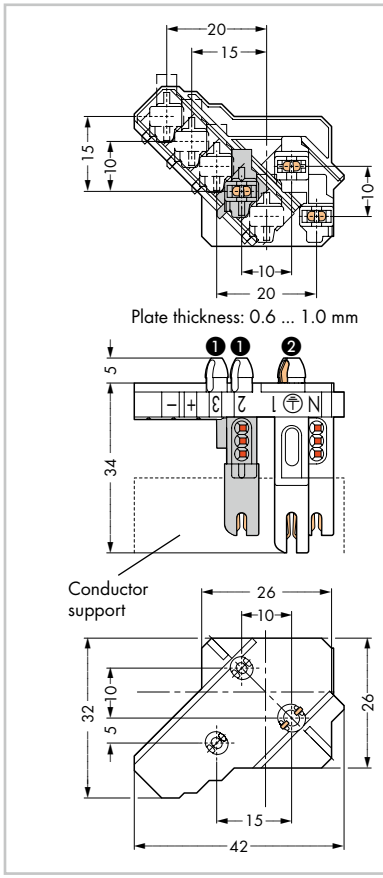


Plate thickness: 0.6 … 1.0 mm

❶ Diameter of drilled hole: 4.2 mm
❷ Diameter of drilled hole: 5.2 mm
Drilled hole for direct ground contact must be free of varnish and oxide films. Equipped with varnished metal plates upon request.

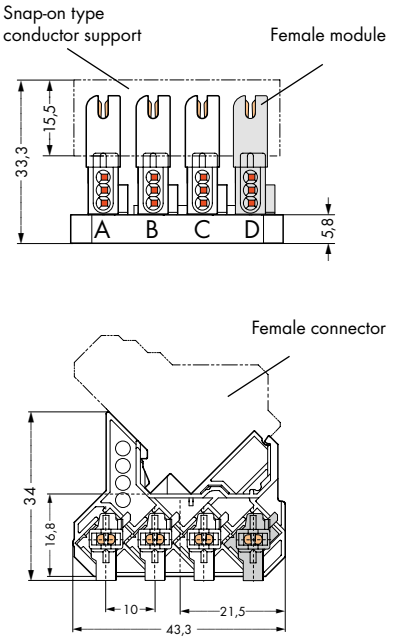
Connection System with Phase Selection for Fluorescent Lighting Fixtures, Female Connectors/Female Modules for Conductor Supports with Insulation Displacement Connection (IDC)

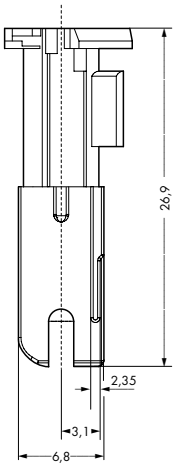
PUSH WIRE®

Snap-on type female connector		Female module		
0.5 … 1 mm² "sol."	AWG 16 … 14 "sol."	3 x 0.5 … 1 mm² "sol."	AWG 16 … 14 "sol."	
500 V/4 kV/2 16 A	600 V/6 A	500 V/4 kV/2 16 A	600 V/6 A	
8 mm / 0.31 in.		**8 mm / 0.31 in.**		

Pole No.	Item No.	Pack. Unit
Snap-on type female connector		
2	**267-232**	500
3	**267-233**	500
4	**267-234**	500

Color	Item No.	Pack. Unit
Female module, 1-pole		
black	**267-109**	500
gray	**267-101**	500
red	**267-120**	500
yellow	**267-110**	500
purple	**267-119**	500





Connectors for In-Line Mounting of Fluorescent Lighting Fixtures

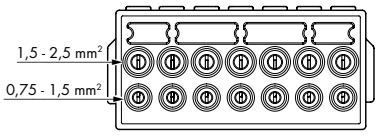
Without ground contact tab		With ground contact tab		With ground contact tab	
1.5 ... 2.5 mm² "sol."	AWG 16 ... 14 "sol."	2 x 1.5 ... 2.5 mm² "sol."	AWG 16 ... 14 "sol."	1.5 ... 2.5 mm² "sol."	AWG 16 ... 14 "sol."
500 V/4 kV/2 16 A	600 V/15 A	500 V/4 kV/2 16 A	600 V/15 A	0.75 ... 1.5 mm² "sol."	AWG 18 ... 16 "sol."
				500 V/4 kV/2 16 A	600 V/15 A
11 ... 12 mm / 0.45 in.		**11 ... 12 mm / 0.45 in.**		**11 ... 12 mm / 0.45 in.**	

Pole No.	Pole Marking	Item No.	Pack. Unit
Female connector, white			
7	N ⏚ 1 2 3 + -	**267-501**	50
5	N ⏚ 1 2 3 + -	**267-502**	50
Female connector, gray			
4	A **B** C D	**267-506**	50
Female connector, yellow			
4	A **B** C D	**267-507**	50

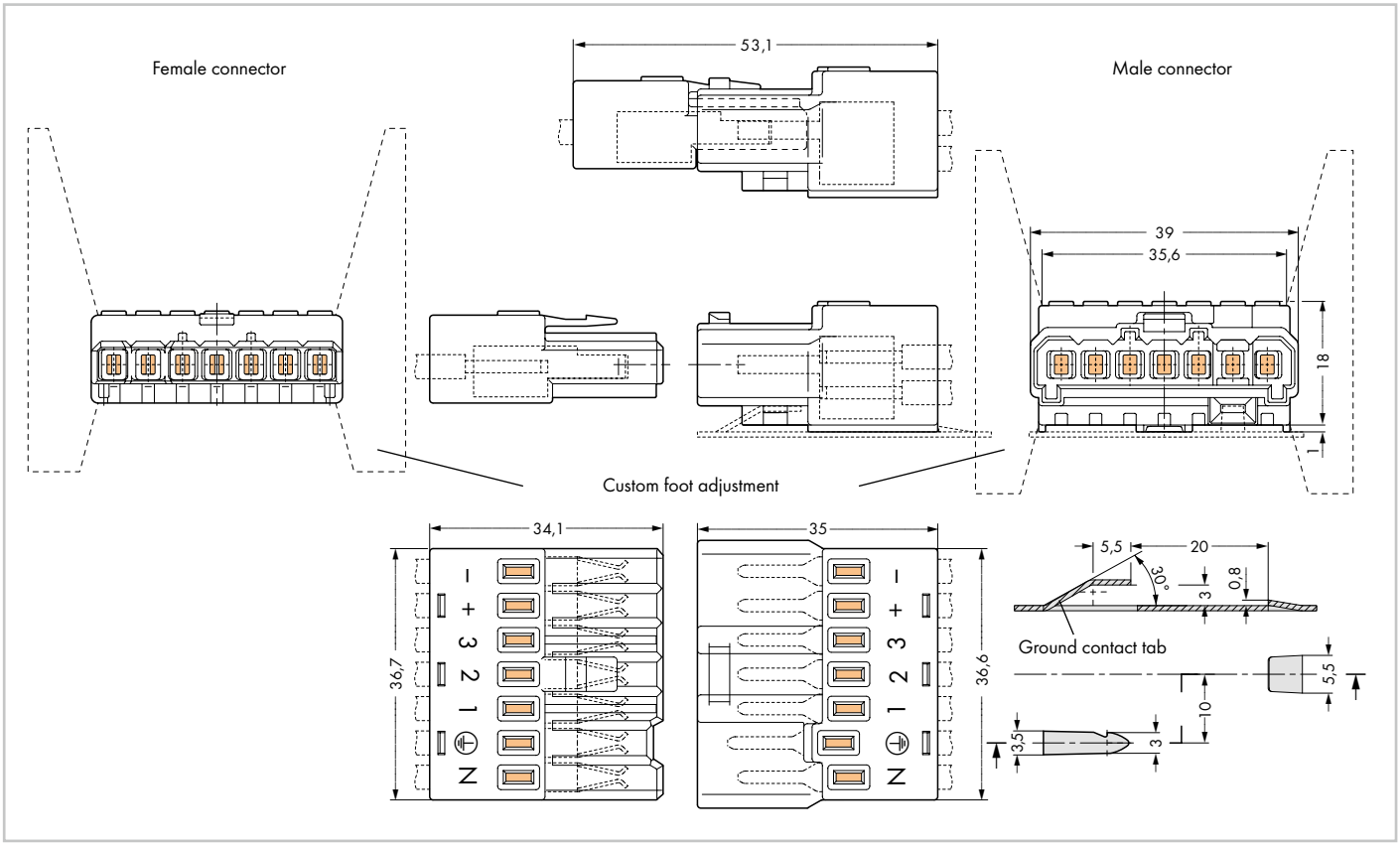
Pole No.	Pole Marking	Item No.	Pack. Unit
Male connector with connection for ground contact tab, white			
7	N ⏚ 1 2 3 + -	**267-510**	50
7	N ⏚ 1 2 3 + -	**267-516***	50
5	N ⏚ 1 2 3 + -	**267-519**	50
Male connector, gray			
4	A **B** C D	**267-518***	50
Male connector , yellow			
4	A **B** C D	**267-520***	50

*Enhanced locking strength

Pole No.	Pole Marking	Item No.	Pack. Unit
Male connector with connection for ground contact tab, white			
7	N ⏚ 1 2 3 + -	**267-521**	50

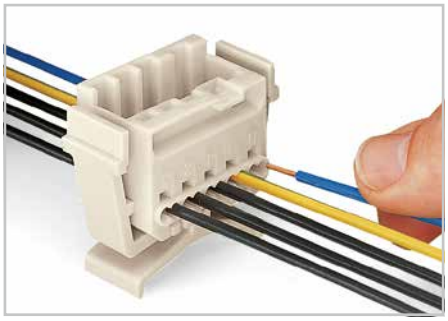


If the power for the 3-phase circuit is supplied via the male connector's termination side, current may only be supplied within one individual lighting fixture, or one continuous row of luminaires.

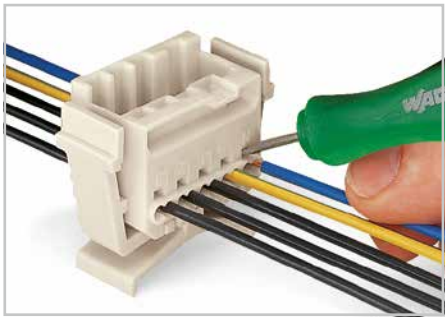


Additional approvals and corresponding ratings can be found at www.wago.com

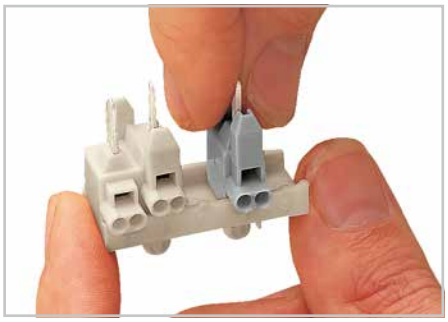
Description and Handling
Connection System with Phase Selection for Fluorescent Lighting Fixtures, 277 Series



Inserting solid conductor via push-in termination.

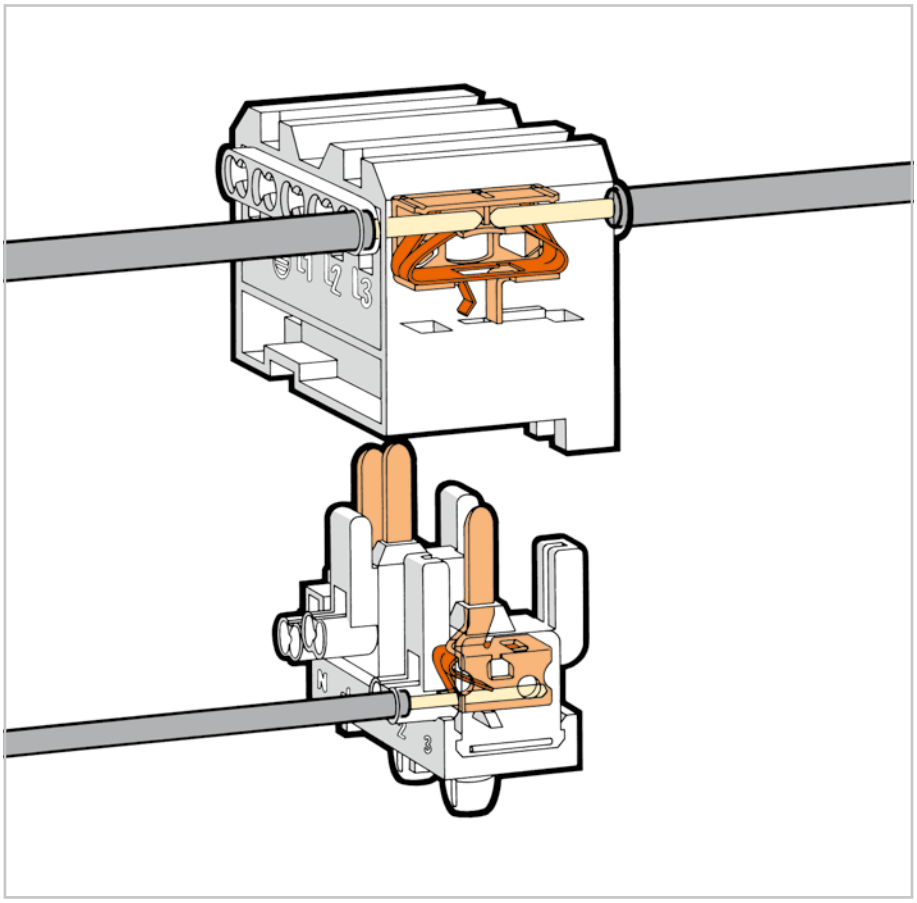


Removing conductor.

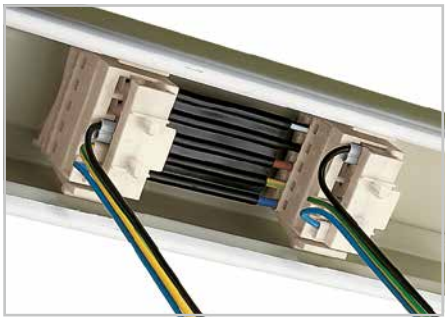


Selecting a phase via movable phase contacts.

277 Series

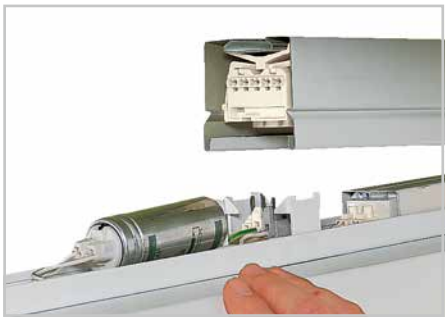


Phase selection



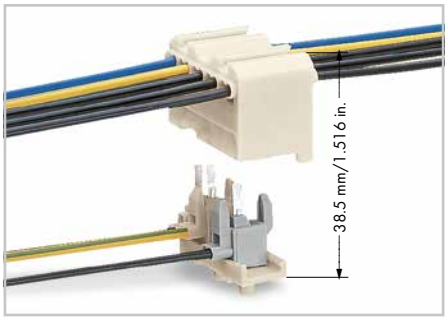
Equal load on each phase via phase selection.

Connecting a lighting fixture

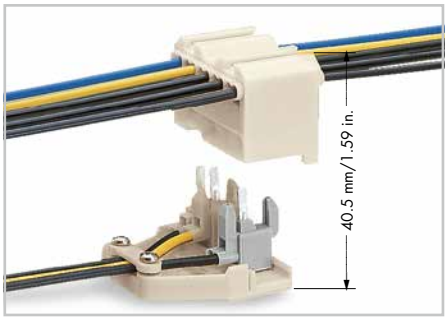


Connecting a lighting fixture equipped with a fixed female connector.

Dimensions refer to a mated assembly

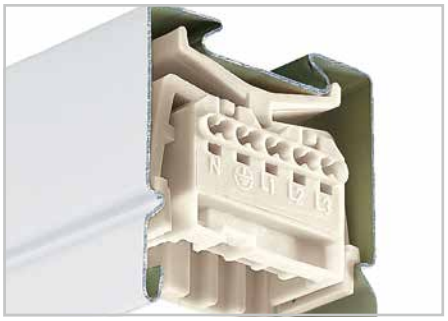


Female connector without mounting adapter.
Male connector with snap-in mounting feet.



Female connector without mounting adapter.
Male connector with strain relief.

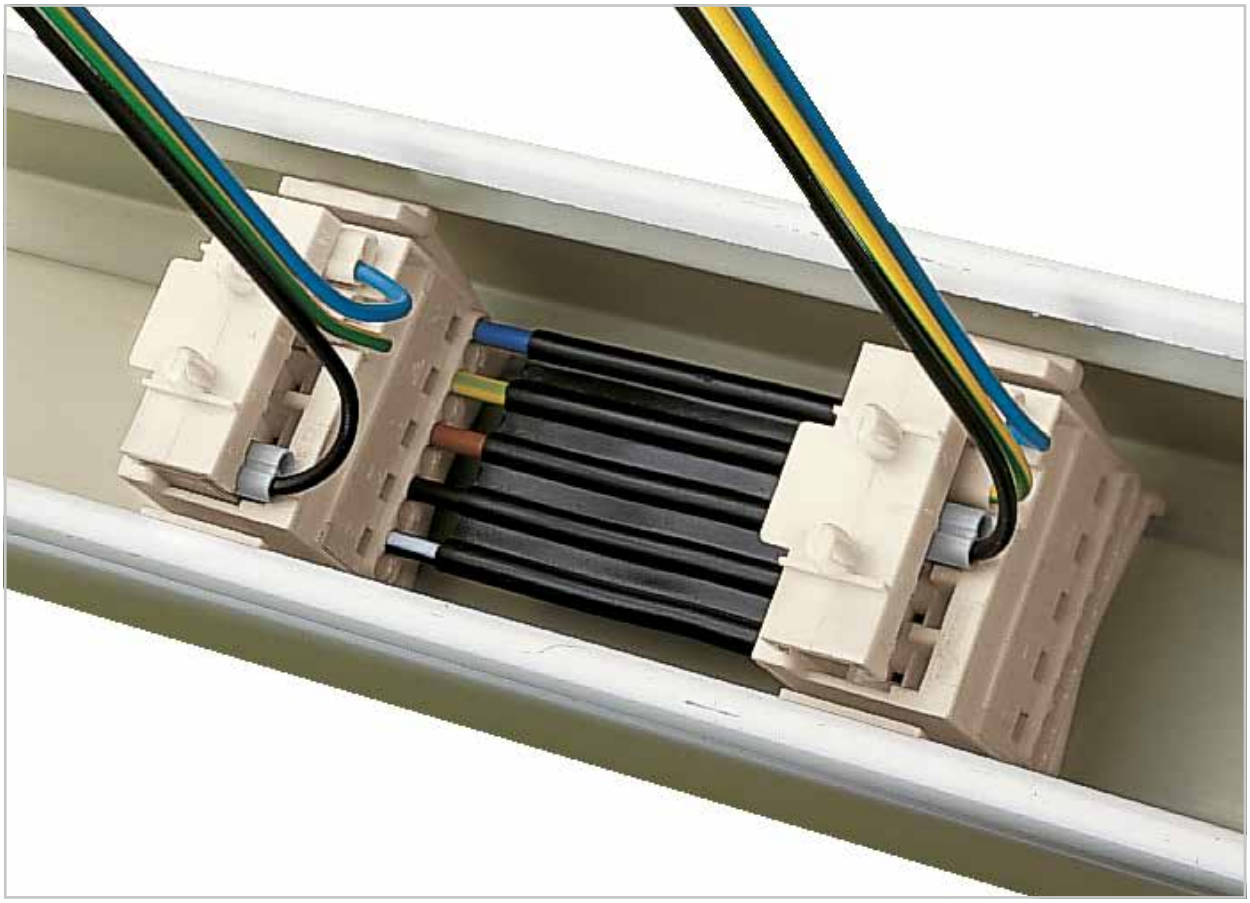
Marking



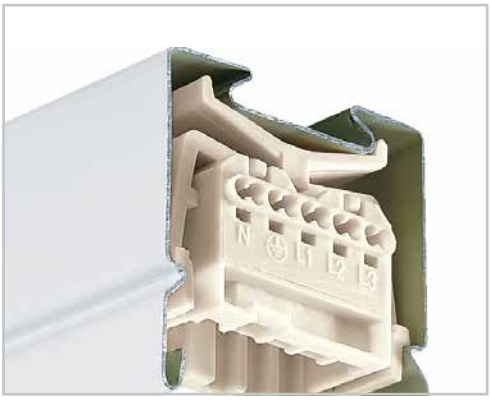
Molded pole marking.

PUSH WIRE® clamps the following copper conductors:

solid



Connection System with Phase Selection for Fluorescent Lighting Fixtures 277 Series



- Flexible connection system equipped with PUSH WIRE® connection
- Phase selection

Technical data:

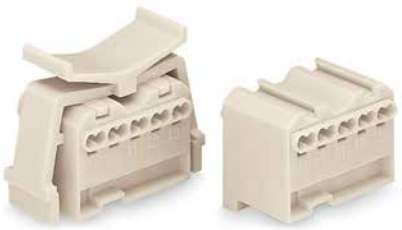
	Female connector	Male connector	
Rating per	**IEC/EN 61984**	**IEC/EN 61984**	
Overvoltage category	II	II	
Pollution degree	2	2	
Rated voltage	400 V	400 V	
Rated surge voltage	4 kV	4 kV	
Nominal current	16 A	10 A	
Approvals per	**UL 1977**	**UL 1977**	
Rated voltage	600 V	600 V	
Nominal current UL	7 A	7 A	

Material data:

Material group	I
Insulating material	Polyamide 6.6 (PA 6.6)
Temperature stability	105 °C
Flammability rating per UL 94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	tin-plated

Connection System with Phase Selection for Fluorescent Lighting Fixtures, Male and Female Connectors

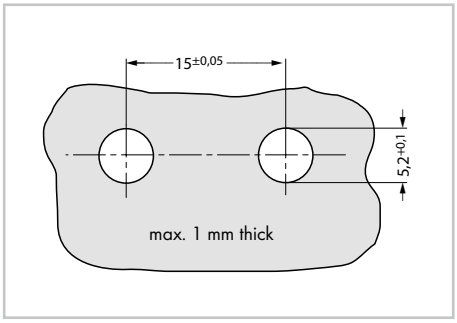
Male connectors with snap-in mounting feet		Male connectors with strain relief		Female connectors with/without mounting adapter	
0.5 x 1.0 mm² "sol."	AWG 20 ... 18 "sol."	0.5 x 1.0 mm² "sol."	AWG 20 ... 18 "sol."	5 x 1.5 ... 2.5 mm² "sol."	5 x AWG 16 – 14 "sol."
400 V/4 kV/2 10 A	600 V/7 A	400 V/4 kV/2 10 A	600 V/7 A	400 V/4 kV/2 16 A	600 V/7 A
10 ... 11 mm / 0.41 in.		**10 ... 11 mm / 0.41 in.**		**11 ... 12 mm / 0.45 in.**	

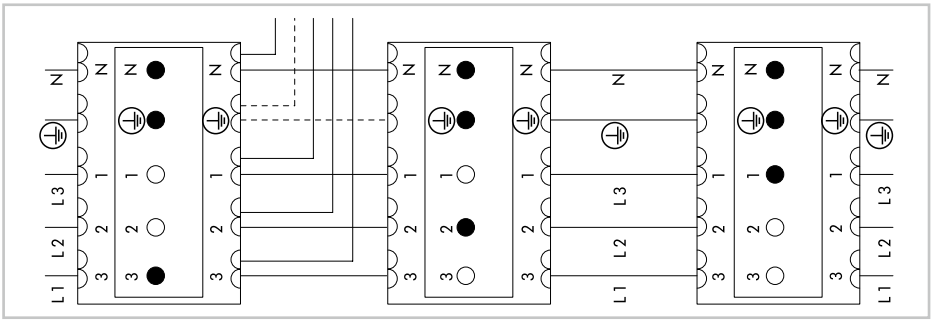


Pole No.	Item No.	Pack. Unit
Male connector with snap-in mounting feet, white/gray, with molded pole marking, gray, movable phase selection contacts (not for 5-pole male connector)		
3	**277-123**	500
4	**277-124**	500
5	**277-125**	500

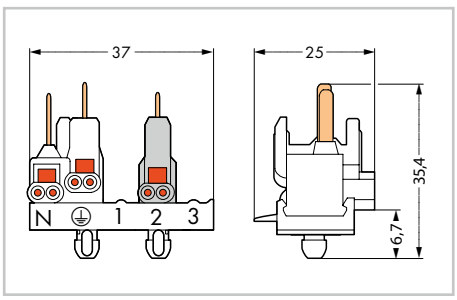
Pole No.	Item No.	Pack. Unit
Male connector with strain relief, white/gray, with molded pole marking, gray, movable phase selection contacts (not for 5-pole male connector)		
3	**277-126**	250
4	**277-127**	250
5	**277-128**	250

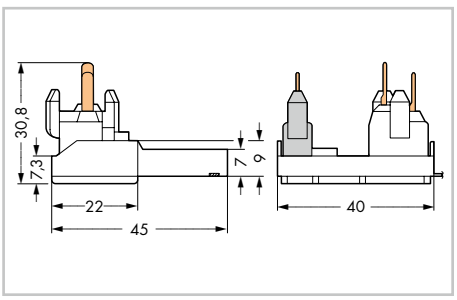
Pole No.	Item No.	Pack. Unit
Female connector, white, with molded pole marking		
without mounting adapter		
5	**277-121**	250
with mounting adapter		
5	**277- 131**	250

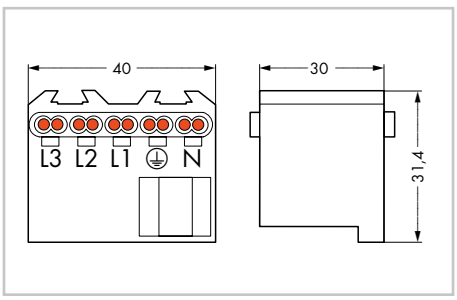




Wiring example: Equal load on each phase via phase selection on male connector, without altering existing wiring.

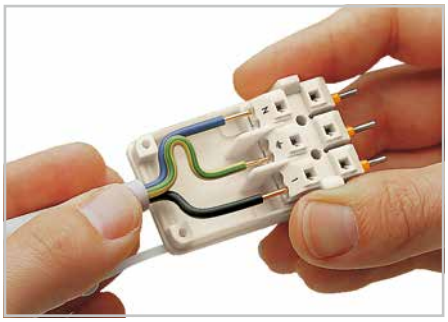




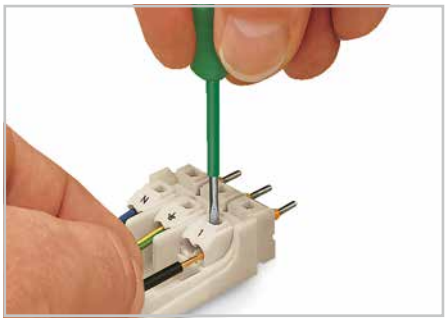


Description and Handling
Fully Polarized Connectors for Lighting Fixtures with Push-Wire Connection

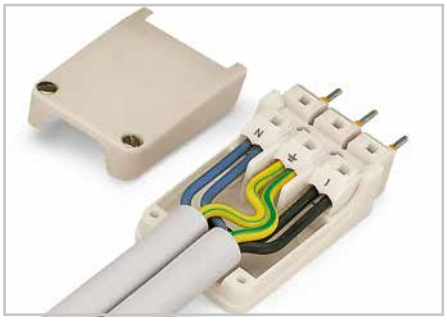
Push-wire connection



Connection of conductors:
Push conductor in FIRMLY until FULLY inserted!

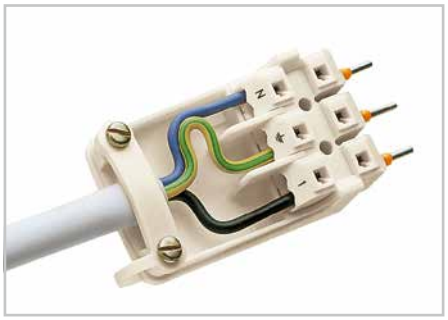


Removal of conductor



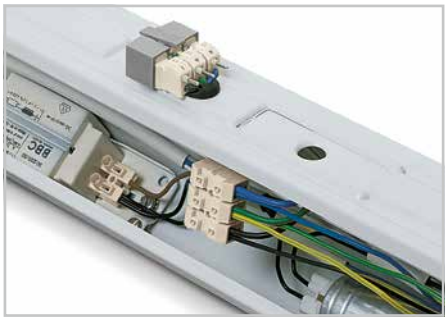
Clamping of 2 conductors, each conductor is clamped independently

Strain relief



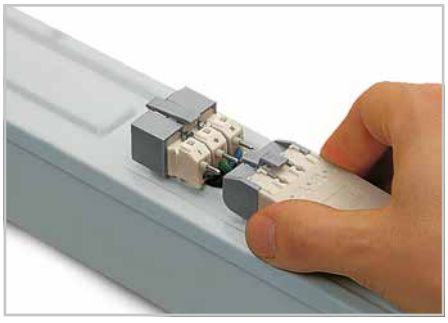
Strain relief with cable clamp

Application



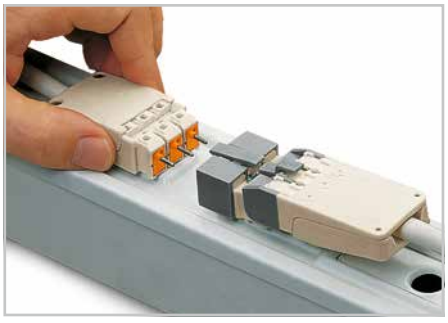
Lighting fixture ready for connection with center receptacles (internal wiring complete with WAGO terminal blocks)

Supply



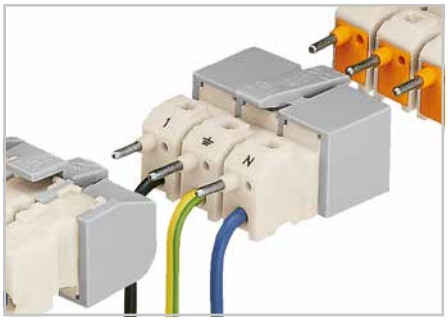
Supply of lighting fixture by pushing the female connector onto the center receptacle

Plugging



Plugging in the female connector with connecting lead to the next lighting fixture

Marking

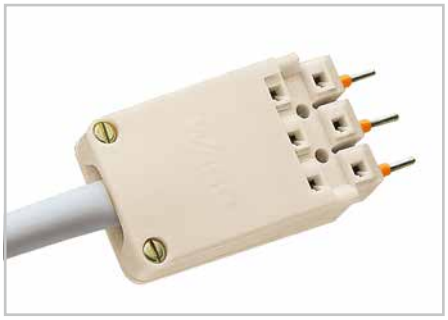


Series marking of poles

PUSH WIRE® clamps the following copper conductors:

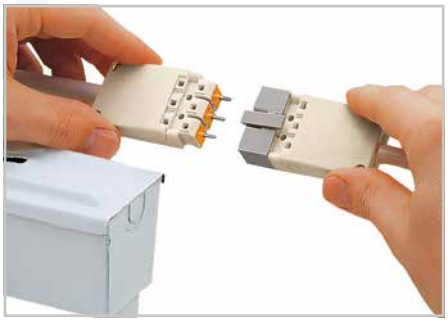
solid

Strain relief



Male connector with complete strain relief device

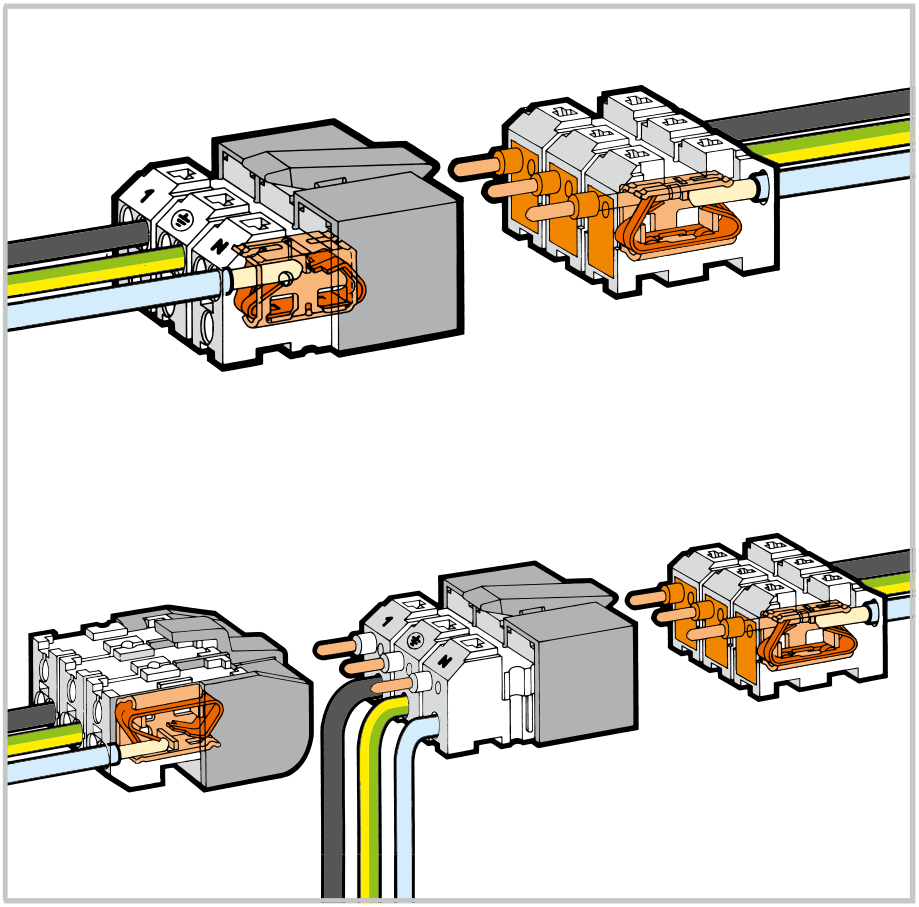
Connection of 2 lighting fixtures



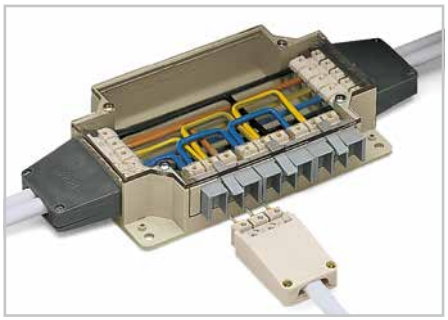
Mating of connecting cables of two lighting fixtures

Application

Lighting fixture ready for connection

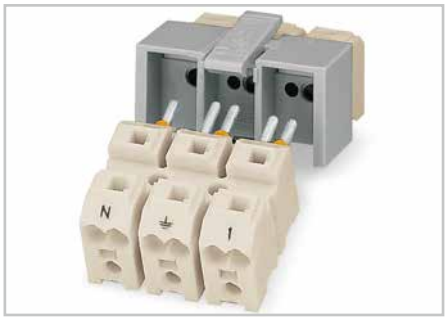


Application

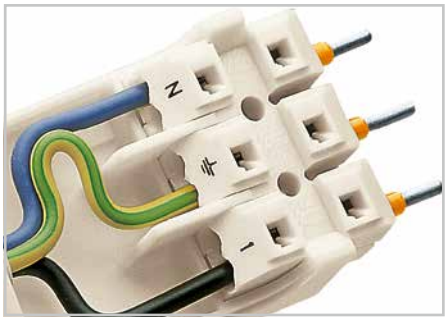


Ceiling or flushmount distribution

Coding



Connector with additional coding pins/holes



Series marking of poles

Fully Polarized Connectors for Lighting Fixtures in Dropped Ceilings

	2 x 0.5 ... 2.5 mm² "s" | 2 x AWG 20 ... 14 sol. 200 V/4 kV/3 ❶ 400 V/4 kV/2 ❶ 16 A 8 ... 9 mm / 0.33 in.	1 x 0.5/0.75 mm² "s" | 1 x AWG 20 ... 18 sol. 200 V/4 kV/3 ❶ 400 V/4 kV/2 ❶ 16 A (through connection), 6 A (connection to the lighting fixture) 8 ... 9 mm / 0.33 in.

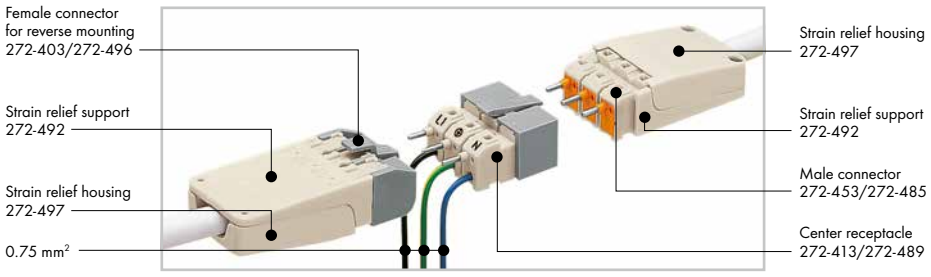
❶ In grounded (earthed) supply systems
200/400 V= rated voltage
4 kV = rated surge voltage
2/3 = pollution degree
(see also section 10)

❷ Suitable for assembly without tool

❸ or of a cable NYM 3 x 2.5 mm²/5 x 2.5 mm² (AWG 14)

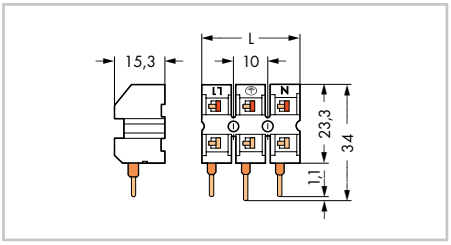
Description	No. of Poles	Item No.	Pack. Unit	No. of Poles	Item No.	Pack. Unit
Fully polarized connectors for lighting fixtures	**Male connector,** with preceding earth contact, white			**Center receptacle,** with coding mask, white/gray		
in dropped ceilings, for screw or screwless fixing	3	**272-453/272-485**	500	3	**272-413/272-489**	500
(WAGO pins), with standard printing, push-in type	**Ditto,** with additional coding pins			**Ditto,** with additional coding pins and holes		
strain relief devices, coding mask of center receptacle	(poles ⏚ and 1), white			(poles ⏚ and 1), white-/grey		
and female connectors with integrated locking device.	3	**272-453/272-469**	500	3	**272-413/272-419**	500
	5	**272-455/272-485**	250	5	**272-415/272-491**	250
Accessories						
Strain relief support, 3-pole	3 x 1.5 mm² ❸	**272-492**	500			
with clamp for 2 cables						
NYM max. 5-pole	5 x 1.5 mm² ❸	**272-493**	250			
Strain relief housing, 3-pole	3 x 1.5 mm² ❸	**272-497**	500			
for 2 cables NYM max. 5-pole						
	5 x 1.5 mm² ❸	**272-498**	250			
Pins,				1 mm/0.039 in.	**271-702**	1000
for plate thickness				1 mm/0.039 in.	**271-711** ❷	1000
				1.5 mm/0.059 in.	**271-712** ❷	1000
Pin 0.5/0.75 mm²	I_N 6/8 A, green	**209-151**	100			
terminals, 1/1.5 mm²	I_N 10/16 A, beige	**209-164**	100			
insulated 2.5 mm²	I_N 20 A, blue	**209-157**	100			
Crimping tool,						
for pin terminals, crimping range		**210-176**	1			
0.5-2.5 mm²/AWG 20 – 14						

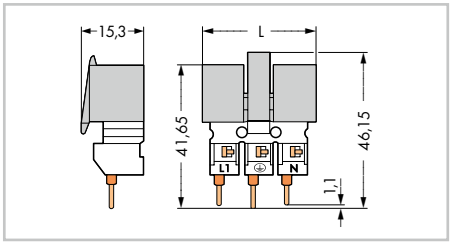
A fully polarized 3-pole connector for lighting fixtures in dropped ceilings is consisting of the following element:



Dimensions (in mm)

No. of Poles	Male connector	Dimension L (mm) Center receptacle	Female connector
3	28.5	33	33
5	48.5	53	53



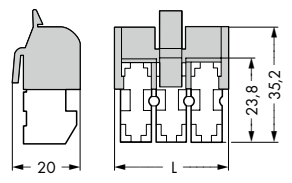


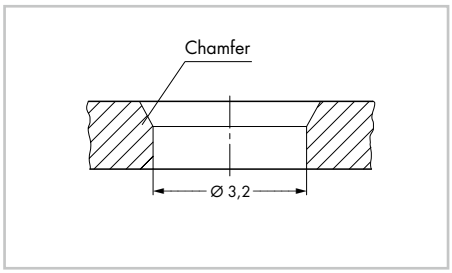
Overall length of the connectors in mated condition:
142 mm/5.591 in. (incl. strain relief device)

* For further approvals with corresponding ratings see page 534.

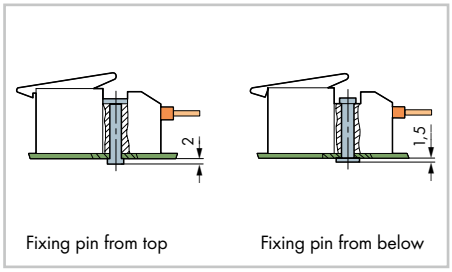
2 x 0.5 ... 2.5 mm² "s" | 2 x AWG 20 ... 14 sol. 200 V/4 kV/3 ❶ 400 V/4 kV/2 ❶ | 300 V, 10 A 16 A 8 ... 9 mm / 0.33 in.		

No. of Poles	Item No.	Pack. Unit	
Female connector for reverse mounting,			
with coding mask, white-/grey			
3	**272-403/272-496**	500	
Ditto, with additional coding holes (poles ⏚ and 1)			
3	**272-403/272-486**	500	
5	**272-405/272-514**	250	
3 x 1.5 mm² ❸	**272-492**	500	
5 x 1.5 mm² ❸	**272-493**	250	
3 x 1.5 mm² ❸	**272-497**	500	
5 x 1.5 mm² ❸	**272-498**	250	
I_N 6/8 A, green	**209-151**	100	
I_N 10/16 A, beige	**209-164**	100	
I_N 20 A, blue	**209-157**	100	
	210-176	1	

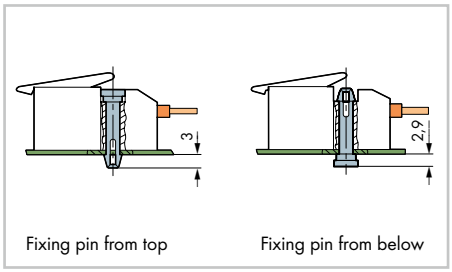




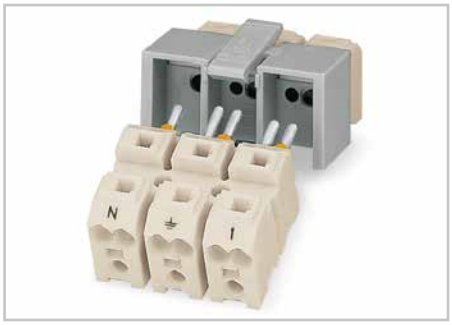
Dimensions of fixing holes for pins



Screwless fixing with pins 271-702



Screwless fixing with pins 271-711 or 271-712



Connector with additional coding pins/holes

Fully Polarized Connectors for Lighting Fixtures

	2 x 0.5 ... 2.5 mm² "s" / 2 x AWG 20 ... 14 sol.	2 x 0.5 ... 2.5 mm² "s" / 2 x AWG 20 ... 14 sol.
	200 V/4 kV/3 ❶ / 300 V, 10 A UL	200 V/4 kV/3 ❶ / 300 V, 10 A UL
	400 V/4 kV/2 ❶ / 300 V, 10 A CSA	400 V/4 kV/2 ❶ / 300 V, 10 A CSA
	16 A	16 A
	8 ... 9 mm / 0.33 in.	8 ... 9 mm / 0.33 in.

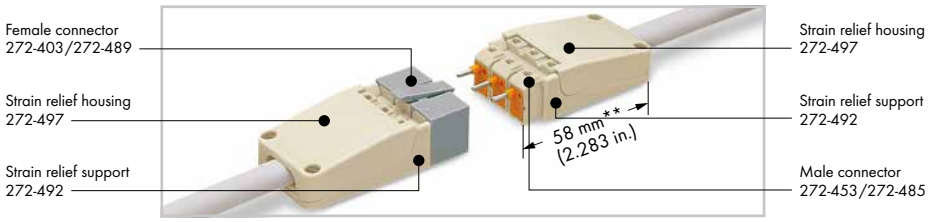
❶ In grounded (earthed) supply systems
200/400 V= rated voltage
4 kV = rated surge voltage
2/3 = pollution degree
(see also section 10)

❷ If 2 cables NYM are connected at the same time only up to 0.75 mm² "s"/AWG 18 "solid"!

❸ Suitable for mounting without tool

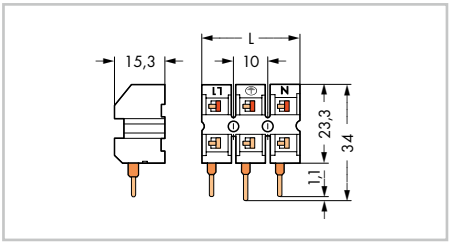
Description			No. of Poles	Item No.	Pack. Unit	No. of Poles	Item No.	Pack. Unit
Fully polarized connectors for lighting fixtures,			**Male connector,** white			**Female connector,** with coding mask, white/gray		
for screw or screwless fixing (WAGO pins), with			2	**272-452**	500	2	**272-402/272-488**	500
standard printing, push-in type strain relief devices,			**Male connector,** with preceding earth contact, white			3	**272-403/272-489**	500
coding mask of female connectors with integrated locking			3	**272-453/272-485**	500	4	**272-404/272-490**	250
device.			4	**272-454/272-485**	250	**Same,** with additional coding holes		
			5 with coding pins	**272-455/272-485**	250	5	**272-405/272-491**	250
Accessories								
	**Strain relief support,**	2-pole	2 x 1.5 mm² ❷	**272-536**	500	2 x 1.5 mm² ❷	**272-536**	500
	with clamp for 2 cables	3-pole	3 x 1.5 mm²	**272-492**	500	3 x 1.5 mm²	**272-492**	500
	NYM max.	4-pole	4 x 1.5 mm²	**272-516**	250	4 x 1.5 mm²	**272-516**	250
		5-pole	5 x 1.5 mm²	**272-493**	250	5 x 1.5 mm²	**272-493**	250
	**Strain relief housing,**	2-pole	2 x 1.5 mm² ❷	**272-537**	500	2 x 1.5 mm² ❷	**272-537**	500
	for 2 cables NYM max.	3-pole	3 x 1.5 mm²	**272-497**	500	3 x 1.5 mm²	**272-497**	500
		4-pole	4 x 1.5 mm²	**272-517**	250	4 x 1.5 mm²	**272-517**	250
		5-pole	5 x 1.5 mm²	**272-498**	250	5 x 1.5 mm²	**272-498**	250
	**Strain relief housing,**	3-pole	up to 6 x 2.5 mm²	**272-494**	500	up to 6 x 2.5 mm²	**272-494**	500
	for single insulated							
	conductors	5-pole	up to 10 x 2.5 mm²	**272-495**	250	up to 10 x 2.5 mm²	**272-495**	250
	**Pins,**		1 mm/0.039 in.	**271-702**	1000	1 mm/0.039 in.	**271-702**	1000
	for plate thickness		1 mm/0.039 in.	**271-711** ❸	1000	1 mm/0.039 in.	**271-711** ❸	1000
			1.5 mm/0.059 in.	**271-712** ❸	1000	1.5 mm/0.059 in.	**271-712** ❸	1000
	**Pin**	0.5/0.75 mm²	I_N 6/8 A, green	**209-151**	100	I_N 6/8 A, green	**209-151**	100
	terminals,	1/1.5 mm²	I_N 10/16 A, beige	**209-164**	100	I_N 10/16 A, beige	**209-164**	100
	insulated	2.5 mm²	I_N 20 A, blue	**209-157**	100	I_N 20 A, blue	**209-157**	100
	**Crimping tool,**							
	for pin terminals, crimping range			**210-176**	1		**210-176**	1
	0.5-2.5 mm²/AWG 20 – 14							

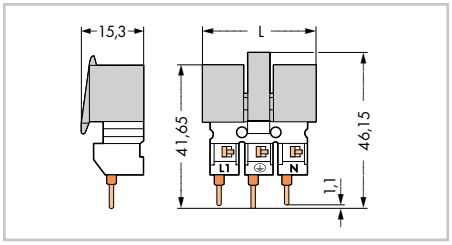
A fully polarized 3-pole connector is consisting of the following elements:



Dimensions (in mm)

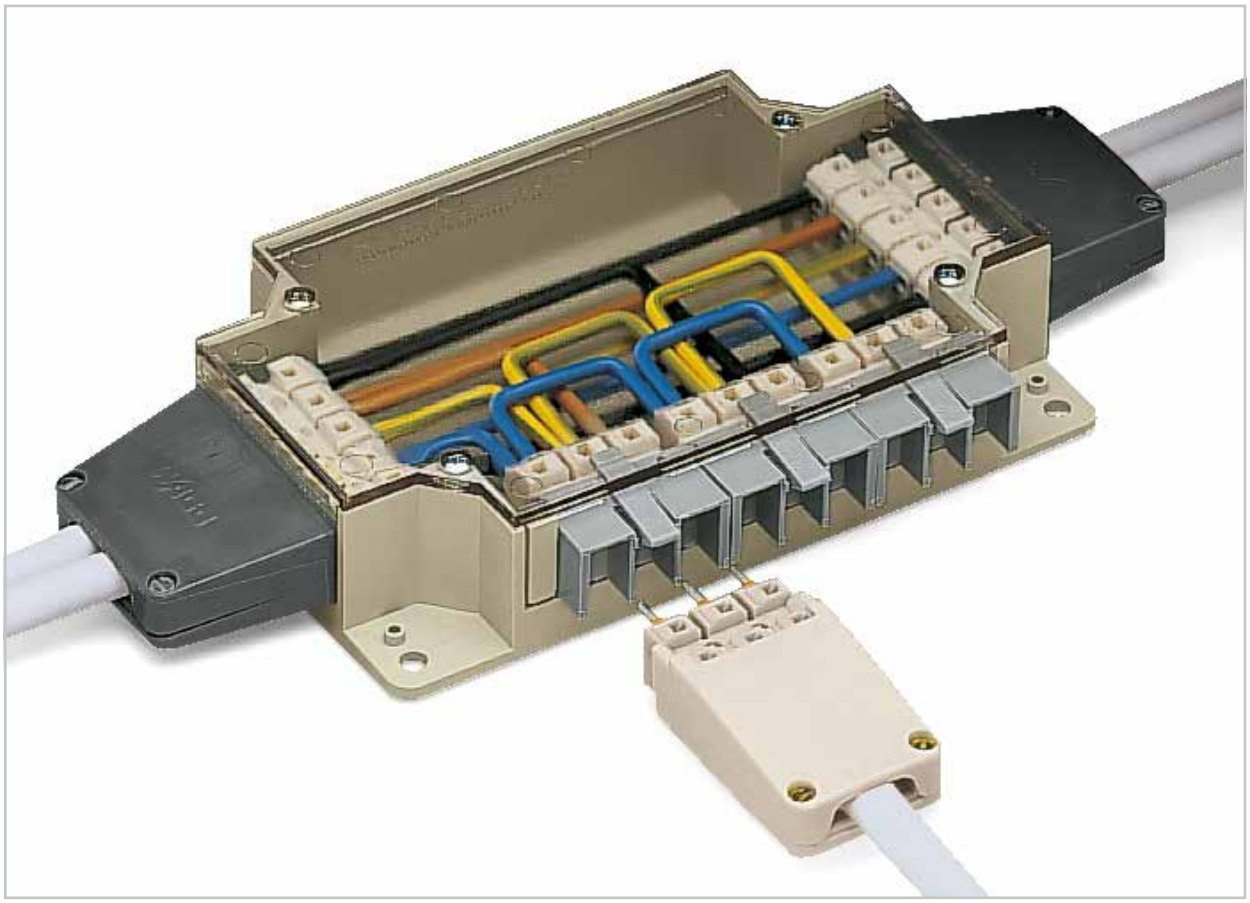
No. of Poles	Dimension L (mm) Male connector	Dimension L (mm) Female connector
2	18.5	23
3	28.5	33
4	38.5	43
5	48.5	53





**Overall length of the connectors in mated condition: 117 mm /4.606 in. (incl. strain relief devices)

* For further approvals with corresponding ratings see pages 534.



Luminaire Disconnect Connectors (US Version)
873 Series

PUSH WIRE®

2-conductor plug ❶	1-conductor socket ❷
AWG 18 ... 12 „s“	AWG 18 „s“
AWG 16 ... 12 „st“	600 V, 6 A
11 ... 13 mm / 0.47 in. ❶	
9 ... 11 mm / 0.39 in. ❷	

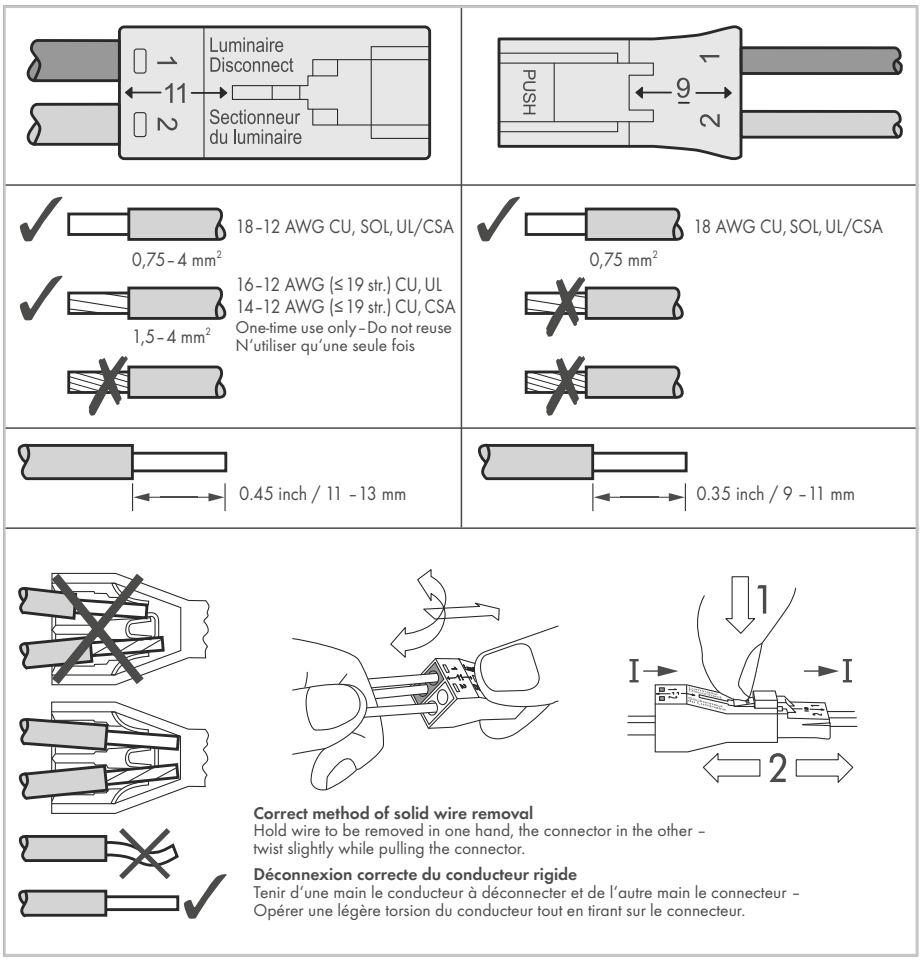
2-conductor plug ❶	1-conductor socket ❷
AWG 18 ... 12 „s“	AWG 18 „s“
AWG 16 ... 12 „st“	600 V, 6 A
11 ... 13 mm / 0.47 in. ❶	
9 ... 11 mm / 0.39 in. ❷	

❶ 2-conductor plug
❷ 1-conductor socket

Pole No.	Item No.	Pack. Unit
Luminaire disconnect connector		
2	**873-902**	40

Pole No.	Item No.	Pack. Unit
Luminaire disconnect connector		
3	**873-903**	20

Touchproof connectors are required for ballast supply cables in the USA and Canada.
When exchanging a ballast:
1. The touchproof plug-in connection is disconnected first
2. The ballast is replaced
3. Network connection is restored by plugging the connection.
This streamlines ballast replacement while enhancing safety by safeguarding the installer from electric shock.
The 873 Series connectors are approved according to UL 2459 and CSA 22.2 for this type of application.



Correct method of solid wire removal
Hold wire to be removed in one hand, the connector in the other – twist slightly while pulling the connector.

Déconnexion correcte du conducteur rigide
Tenir d'une main le conducteur à déconnecter et de l'autre main le connecteur – Opérer une légère torsion du conducteur tout en tirant sur le connecteur.

The 873 Series is also approved to EN 60998 and EN 61984 as follows:

EN 60998
0.75 mm² solid, 6A for female part
1.5 mm² ... 4 mm² solid, 32A for male part
400 V/4 kV/2

EN 61984
0.75 mm² solid, 6A for female part
0.75 mm² ... 4 mm² solid, 32A for male part
400 V/4 kV/2

Luminaire Disconnect Connectors (US Version)
873 Series

2-conductor plug ❶	1-conductor socket ❷
AWG 18 … 12 „s“	AWG 18 „s“
AWG 16 … 12 „st“	
11 … 13 mm / 0.47 in. ❶	
9 … 11 mm / 0.39 in. ❷	

❶ 2-conductor plug
❷ 1-conductor socket

Pole No.	Item No.	Pack. Unit
Luminaire disconnect connector,		
preceding ground contact in center position		
3	**873-953**	500

Touchproof connectors are required for ballast supply cables in the USA and Canada.
When exchanging a ballast:
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2. The ballast is replaced
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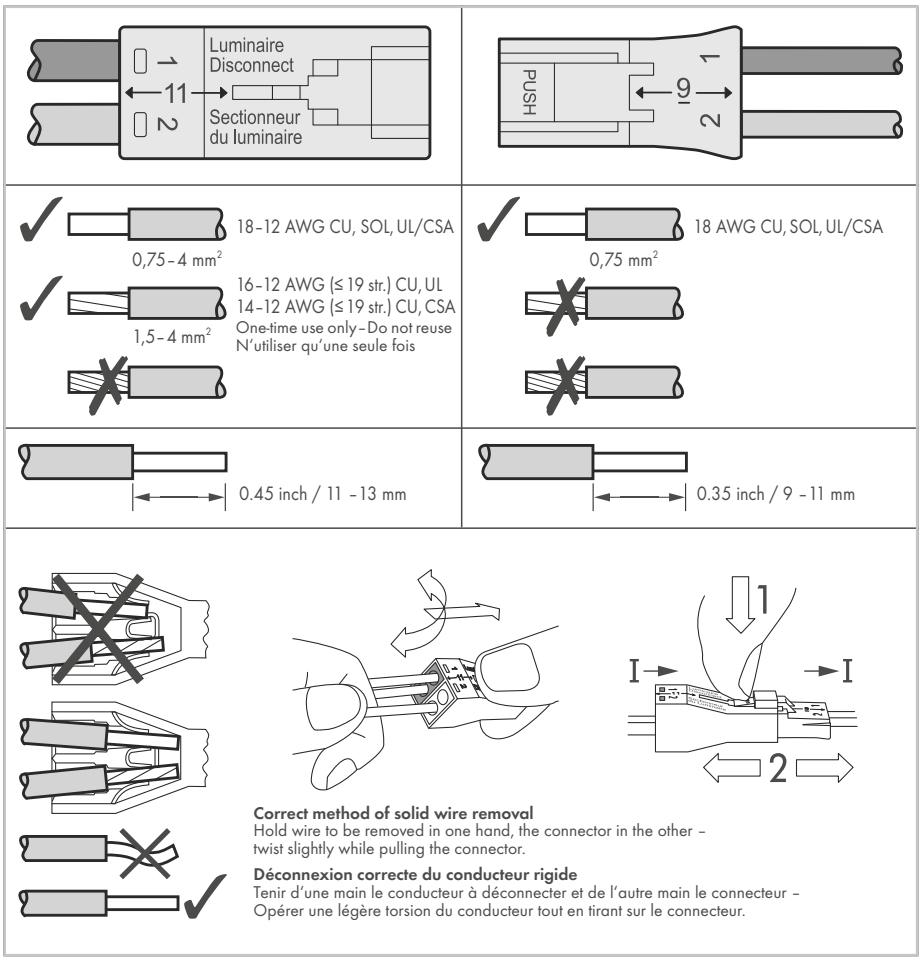
The 873 Series connectors are approved according to UL 2459 and CSA 22.2 for this type of application.



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0.75 mm² … 4 mm² solid, 32A for male part
400 V/4 kV/2