

# Modular PCB Terminal Blocks and Strips

Μόνο τα SMD βύσματα περιέχονται στον παρόντα κατάλογο (σειρές και σελίδες με κίτρινο φόντο)

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### SMD PCB Terminal Blocks, 0.5 mm<sup>2</sup> Pin Spacing: 3 mm 2059 Series



- SMD PCB terminal blocks with PUSH WIRE® connection technology
- Push-in termination of solid conductors
- Easy conductor removal, e.g., via operating tool
- Just 2.7 mm high
- Side-by-side arrangement without pole loss
- Available in tape-and-reel packaging for automated assembly

#### Technical data:

recinical data.						
Pin Spacing		3 mm 0.118 in				
Ratings per	IEC,	EN 606	64-1			
Overvoltage category	III	Ш	Ш			
Pollution degree	3	2	2			
Rated voltage	63 V	160 V	320 V			
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV			
Nominal current	3 A	3 A	3 A			
Approvals per		UL 1977	7			
Rated voltage, 1-pole		600 V				
Rated voltage, 2 or more poles		250 V				
Nominal current UL		3 A				

### Conductor data:

Connection technology	PUSH WIRE®
Conductor size: solid	$0.14 \dots 0.34 \text{ mm}^2$
AWG	26 22 "sol."
Strip length	4 5.5 mm / 0.16 0.22 in.
Conductor entry angle	0° to PCB
Conductor size: solid	$0.5~\text{mm}^2$
AWG	20 "sol."
Note (0.5 mm²/AWG 20 conductor size)	No reconnection of smaller conductor cross-sections
Strip length	6 7.5 mm / 0.24 0.3 in

### Material data:

Material group	I
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA GF)
Flammability class per UL 94	VO
Lower/Upper limit temperature	-60 °C / +105 °C
Contact material	Copper alloy
Contact plating	tin-plated

### 2059 Series accessories:

2037 Jeries accessories:	rage:
Operating tool (206-859)	499
Operating tool (2059-189)	499

### **Application notes:**

Suitable for lead-free, reflow-soldering profiles acc. to DIN EN 61760-1 and IEC 60068-2-58 up to max. 260 °C peak temperature. Due to customer specific variables (e.g., component configuration and orientation, type of soldering machine, solder paste), it is recommended that trial runs are conducted to ensure product and process compatibility under actual manufacturing conditions.

Recommendation for stencil: Material thickness, 150 µm. Pattern layout identical to solder pad layout.

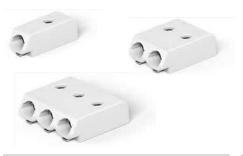
\*For 26 AWG "sol." conductors that are not rigid enough, the clamping unit must be opened using an operating tool.

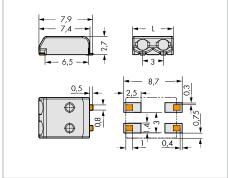
### Pin spacing: 3 mm / 0.118 in.

0.14 ... 0.5mm² "sol."

26 ... 20 AWG "sol."

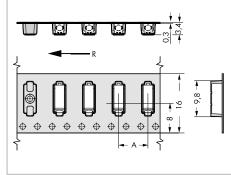
160 V/2.5 kV/2 3 A





L = (pole no. x pin spacing) - 0.1 mm





R = Feed direction A = 8 mm (1-pole) A = 12 mm (2- and 3-pole)

SMD PCB terminal block in tape-and-reel packaging, white *  1	Pole No.	Item No.	Pack. Unit
1 <b>2059-301/998-403</b> 31800 (12 × 2650) 2 <b>2059-302/998-403</b> 21000 (12 × 1750)	SMD PC	B terminal block in tape	-and-reel packaging,
2 <b>2059-302/998-403</b> 21000 (12 x 1750)	white *		
2 <b>2059-302/998-403</b> 21000 (12 x 1750)			
	1	2059-301/998-403	31800 (12 x 2650)
3 <b>2059-303/998-403</b> 21000 (12 x 1750)	2	2059-302/998-403	21000 (12 x 1750)
	3	2059-303/998-403	21000 (12 x 1750)
Reel diameter: 330 mm	Reel diar	meter: 330 mm	



Inserting solid conductors via push-in termination.



Easy conductor removal, e.g., via 206-859 operat-



 $<sup>^{\</sup>star}$  Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.



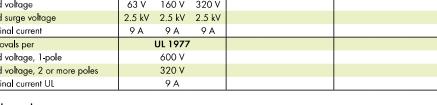
### SMD PCB Terminal Blocks with Push-Buttons, 0.75 mm<sup>2</sup> Pin Spacing: 4 mm 2060 Series



- SMD PCB terminal blocks with Push-in CAGE CLAMP® and push-buttons
- Push-in termination of solid and ferruled conductors
- Convenient termination/removal of fine-stranded conductors via push**buttons**
- Just 4.5 mm high
- Available in tape-and-reel packaging for automated assembly
- For THR version, see page 388.

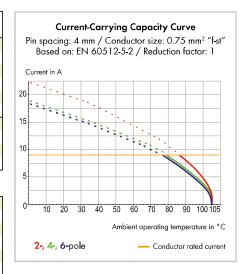
#### Technical data:

Pin Spacing		4 mm 0.157 in	
Ratings per	IEC/	EN 606	64-1
Overvoltage category	III	Ш	Ш
Pollution degree	3	2	2
Rated voltage	63 V	160 V	320 V
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV
Nominal current	9 A	9 A	9 A
Approvals per		UL 1977	7
Rated voltage, 1-pole		600 V	
Rated voltage, 2 or more poles		320 V	
Nominal current UL		9 A	



### Conductor data:

Connection technology	Push-in CAGE CLAMP®
Conductor size: solid	$0.2 \dots 0.75 \text{ mm}^2$
Conductor size: fine-stranded	$0.2 \dots 0.75 \text{ mm}^2$
Conductor size: fine-stranded	0.25 0.34 mm <sup>2</sup> (with insulated ferrule)
Conductor size: fine-stranded	0.25 0.34 mm <sup>2</sup> (with uninsulated ferrule)
AWG	24 18
Strip length	7 9 mm / 0.28 0.35 in.
Conductor entry angle	0° to PCB



### Material data:

Material group	I
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA GF)
Flammability class per UL 94	VO
Lower/Upper limit temperature	-60 °C / +105 °C
Contact material	Copper alloy
Contact plating	tin-plated

2000 Jenes accessories.	ruge.
Operating tool (206-860)	499
Operating tool (2060-189)	499

### **Application notes:**

Suitable for lead-free, reflow-soldering profiles acc. to DIN EN 61760-1 and IEC 60068-2-58 up to max. 260  $^{\circ}$ C peak temperature. Due to customer specific variables (e.g., component configuration and orientation, type of soldering machine, solder paste), it is recommended that trial runs are conducted to ensure product and process compatibility under actual manufacturing conditions.

Recommendation for stencil: Material thickness, 150 µm. Pattern layout identical to solder pad layout.

### Pin spacing: 4 mm / 0.157 in.

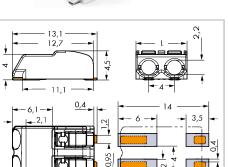
 $0.2 \dots 0.75 \text{ mm}^2$ 24 ... 18 AWG

160 V/2.5 kV/2 9 A

### Pin spacing: 4 mm / 0.157 in.

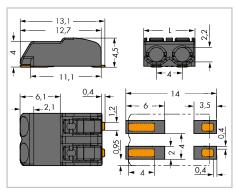
 $0.2\,...\,0.75\;\text{mm}^2$ 24 ... 18 AWG 160 V/2.5 kV/2 9 A





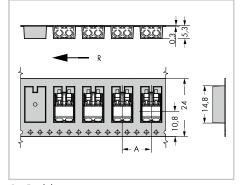
L = (pole no. x pin spacing) - 0.1 mm





L = (pole no. x pin spacing) - 0.1 mm





R = Feed direction $A = (pole no. \times pin spacing) + 4 mm$ 

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
SMD F	PCB terminal block with pu	sh-buttons	SMD F	CB terminal blocks with p	ush-buttons
in tape	e-and-reel packaging, white	*	in tape	-and-reel packaging, black	(
1	2060-451/998-404	13500 (9 x 1500)	1	2060-471/998-404	13500 (9 x 1500)
2	2060-452/998-404	9000 (9 x 1000)	2	2060-472/998-404	9000 (9 x 1000)
3	2060-453/998-404	6750 (9 x 750)	3	2060-473/998-404	6750 (9 x 750)
Reel di	iameter: 330 mm		Reel di	ameter: 330 mm	



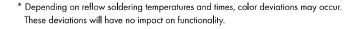
Inserting solid conductors via push-in termination.



Inserting/removing fine-stranded conductors by lightly pressing on push-button (e.g., using a 206-860 operating tool).



PCB terminal blocks can be arranged side-by-side without loss of poles.







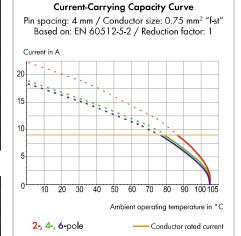
### SMD PCB Terminal Blocks with Push-Buttons, 0.75 mm<sup>2</sup> Pin Spacing: 8 mm 2060 Series



- SMD PCB terminal blocks with Push-in CAGE CLAMP® and push-buttons
- 8 mm pin spacing version for higher rated voltages
- Push-in termination of solid and ferruled conductors
- Convenient termination/removal of fine-stranded conductors via pushbuttons
- Height of just 4.5 mm minimizes on-board LED shadowing
- Available in tape-and-reel packaging for automated assembly
- For THR version, see page 390.

#### Technical data:

Pin Spacing		8 mm 0.314 in	
Ratings per	IEC/	EN 606	64-1
Overvoltage category	III	Ш	II
Pollution degree	3	2	2
Rated voltage	400 V	630 V	1000 V
Rated surge voltage	6 kV	6 kV	6 kV
Nominal current	9 A	9 A	9 A
Approvals per		UL 1977	7
Rated voltage		600 V	
Nominal current UL		9 A	



### Conductor data:

Connection technology	Push-in CAGE CLAMP®
Conductor size: solid	$0.2 \dots 0.75 \text{ mm}^2$
Conductor size: fine-stranded	$0.2 \dots 0.75 \text{ mm}^2$
Conductor size: fine-stranded	0.25 0.34 mm <sup>2</sup> (with insulated ferrule)
Conductor size: fine-stranded	0.25 0.34 mm <sup>2</sup> (with uninsulated ferrule)
AWG	24 18
Strip length	7 9 mm / 0.28 0.35 in.
Conductor entry angle	0° to PCB

### Material data:

Material group	I
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA GF)
Flammability class per UL 94	VO
Lower/Upper limit temperature	-60 °C / +105 °C
Contact material	Copper alloy
Contact plating	tin-plated

### 2060 Series accessories:

2000 Jenes accessories.	ruge.
Operating tool (206-860)	499
Operating tool (2060-189)	499

### Application notes:

Suitable for lead-free, reflow-soldering profiles acc. to DIN EN 61760-1 and IEC 60068-2-58 up to max. 260 °C peak temperature. Due to customer specific variables (e.g., component configuration and orientation, type of soldering machine, solder paste), it is recommended that trial runs are conducted to ensure product and process compatibility under actual manufacturing conditions.

Recommendation for stencil: Material thickness, 150 µm. Pattern layout identical to solder pad layout.

Pin s	pacing:	8 mm /	<sup>'</sup> 0.314 in.

Pin spacing: 8 mm / 0.314 in.

 $0.2\,...\,0.75\;mm^2$ 630 V/6 kV/2 9 A 24 ... 18 AWG 600 V / 9 A

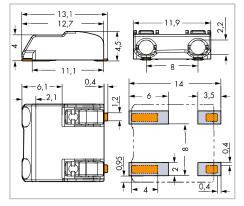
 $0.2 \; ... \; 0.75 \; \text{mm}^2$ 630 V/6 kV/2 9 A

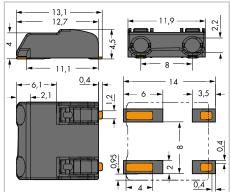
24 ... 18 AWG 600 V / 9 A

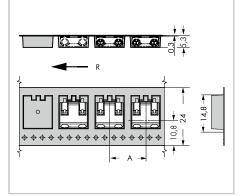












R = Feed direction A + 16 mm

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit	
SMD	SMD PCB terminal block with push-buttons			SMD PCB terminal blocks with push-buttons		
in tape-and-reel packaging, white*			in tape-and-reel packaging, black*			
2	2060-852/998-404	6750 (9 x 750)	2	2060-872/998-404	6750 (9 x 750)	
Reel c	Reel diameter: 330 mm			Reel diameter: 330 mm		



Inserting solid conductors via push-in termination. (Picture shows 2060 Series)



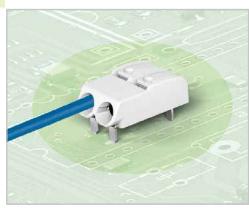
Inserting/removing fine-stranded conductors by lightly pressing on push-button (e.g., using a 206-860 operating tool).



<sup>\*</sup> Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.



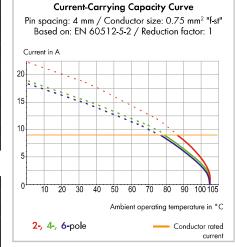
### THR PCB Terminal Blocks with Push-Buttons, 0.75 mm<sup>2</sup> Pin Spacing: 4 mm 2060 Series



- THR PCB terminal blocks with Push-in CAGE CLAMP® and push-buttons
- Push-in termination of solid and ferruled conductors
- Convenient termination/removal of fine-stranded conductors via push**buttons**
- Just 4.5 mm high
- Available in tape-and-reel packaging for automated assembly
- Also suitable for wave soldering

#### Technical data:

Pin Spacing		4 mm 0.157 in.		
Ratings per	IEC/	EN 606	64-1	
Overvoltage category	III	Ш	II	
Pollution degree	3	2	2	
Rated voltage	63 V	160 V	320 V	
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV	
Nominal current	9 A	9 A	9 A	
Approvals per		UL 1977 600 V* 250 V*		
Rating voltage, 1-pole				
Rating voltage, 2 or more poles				
Nominal current UL		9 A*		



### Conductor data:

Connection technology	Push-in CAGE CLAMP®
Conductor size: solid	$0.2 - 0.75 \text{ mm}^2$
Conductor size: fine-stranded	$0.2 - 0.75 \text{ mm}^2$
Conductor size: fine-stranded	0.25-0.34 mm <sup>2</sup> (with insulated ferrule)
Conductor size: fine-stranded	0.25-0.34 mm <sup>2</sup> (with uninsulated ferrule)
AWG	24-18
Strip length	6-7 mm / 0.24-0.28 in.
Conductor entry angle	0° to PCB
Solder pin: length/width	$2.4 \text{ mm} / 1.2 \times 0.75 \text{ mm}$
Solder pin: metal-plated hole	$1.5^{+0.1}~\mathrm{mm}~arnothing$
Outer diameter of metal-plated PCB hole	min. 2.4 mm

### Material data:

Material group	
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA-GF)
Flammability rating per UL 94	V0
Lower/Upper limit temperature	-60 °C / +105 °C
Contact material	Copper alloy
Contact plating	tin-plated

060	Series	accessories:	Page

Operating tool (206-860)	499
Operating tool (2060-189)	499

### Application notes:

Suitable for lead-free, reflow-soldering profiles acc. to DIN EN 61760-1 and IEC 60068-2-58 up to max. 260 °C peak temperature. Due to customer specific variables (e.g., component configuration and orientation, type of soldering machine, solder paste), it is recommended that trial runs are conducted to ensure product and process compatibility under actual manufacturing conditions.

Recommendation for stencil: Material thickness, 150 µm.

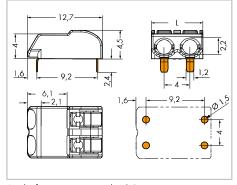
The stencil hole diameter is identical to the outer diameter of the metal-plated PCB hole.

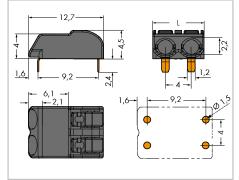
Pin spacing: 4	mm / 0.157 in.	Pin spacing: 4	mm / 0.157 in.
0.2-0.75 mm <sup>2</sup> 160 V/2.5 kV/2 9 A	24-18 AWG	0.2-0.75 mm² 160 V/2.5 kV/2 9 A	24-18 AWG

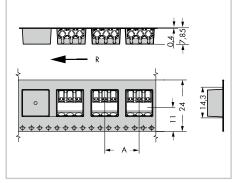












L =(pole no. x pin spacing) - 0.1 mm

R = Feed direction A = (pole no. x pin spacing) + 4 mm

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
THR PO	CB terminal blocks with pus	h-buttons	THR PC	B terminal blocks with pus	h-buttons
in tape	-and-reel packaging, white	*	in tape	-and-reel packaging, black	
1	2060-1451/998-404	10800 (9 x 1200)	1	2060-1471/998-404	10800 (9 x 1200)
2	2060-1452/998-404	6750 (9 x 750)	2	2060-1472/998-404	6750 (9 x 750)
3	2060-1453/998-404	4950 (9 x 550)	3	2060-1473/998-404	4950 (9 x 550)
Reel did	Reel diameter: 330 mm			Reel diameter: 330 mm	



Inserting solid conductors via push-in termination.



Inserting/removing fine-stranded conductors by lightly pressing on push-button (e.g., using a 206-860 operating tool).



<sup>\*</sup> Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.



### THR PCB Terminal Blocks with Push-Buttons, 0.75 mm<sup>2</sup> Pin Spacing: 8 mm 2060 Series



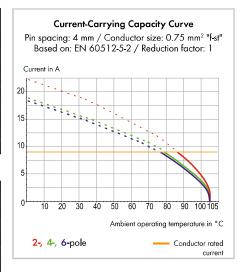
- THR PCB terminal blocks with Push-in CAGE CLAMP® and push-buttons
- Push-in termination of solid and ferruled conductors
- Convenient termination/removal of fine-stranded conductors via push**buttons**
- Just 4.5 mm high
- Available in tape-and-reel packaging for automated assembly
- Also suitable for wave soldering

#### Technische Daten

Rastermaß		8 mm 0.314 in	
Ratings per	IEC/	EN 606	64-1
Overvoltage category	III	Ш	II
Pollution degree	3	2	2
Rated voltage	400 V	630 V	1000 V
Rated surge voltage	6 kV	6 kV	6 kV
Nominal current	9 A	9 A	9 A
Approvals per		UL 1977	•
Rating voltage		600 V*	
Nominal current UL		9 A*	



Connection technology	Push-in CAGE CLAMP®
Conductor size: solid	$0.2 - 0.75 \text{ mm}^2$
Conductor size: fine-stranded	0.2-0.75 mm <sup>2</sup>
Conductor size: fine-stranded	0.25-0.34 mm <sup>2</sup> (with insulated ferrule)
Conductor size: fine-stranded	0.25-0.34 mm <sup>2</sup> (with uninsulated ferrule)
AWG	24-18
Strip length	6-7 mm / 0.24-0.28 in.
Conductor entry angle	0° to PCB
Solder pin: length/width	$2.4 \text{ mm} / 1.2 \times 0.75 \text{ mm}$
Solder pin: metal-plated hole	$1.5^{+0.1}~\mathrm{mm}~arnothing$
Outer diameter of metal-plated PCB hole	min. 2.4 mm



### Material data:

Material group	1
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA-GF)
Flammability rating per UL 94	VO
Lower/Upper limit temperature	-60 °C / +105 °C
Contact material	Copper alloy
Contact plating	tin-plated

2060 Series accessories: Pag
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Operating tool	499

### **Application notes:**

Suitable for lead-free, reflow-soldering profiles acc. to DIN EN 61760-1 and IEC 60068-2-58 up to max.  $260 \, ^{\circ}\text{C}$  peak temperature. Due to customer specific variables (e.g., component configuration and orientation, type of soldering machine, solder paste), it is recommended that trial runs are conducted to ensure product and process compatibility under actual  $manufacturing\ conditions.$ 

Recommendation for stencil: Material thickness, 150 µm.

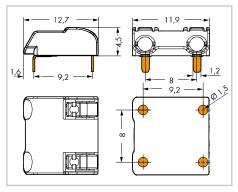
The stencil hole diameter is identical to the outer diameter of the metal-plated PCB hole.

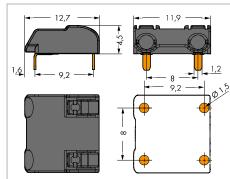
Pin	spacing: 8 mm / 0.314 in.	Pin spacing: 8	mm / 0.314 in.	
0.2-0.7 630 V/6 I		0.2-0.75 mm <sup>2</sup> 630 V/6 kV/2 9 A	24-18 AWG	

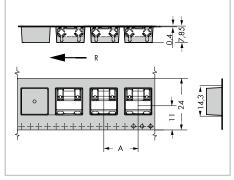












R = Feed direction A + 16 mm

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit
THR PC	B terminal blocks with push	n-buttons	THR PC	B terminal blocks with pus	h-buttons
in tape	and-reel packaging, white	k .	in tape	-and-reel packaging, black	
2	2060-1852/998-404	4950 (9 x 550)	2	2060-1872/998-404	4950 (9 x 550)
Reel dia	meter: 330 mm		Reel did	ımeter: 330 mm	



Inserting solid conductors via push-in termination.



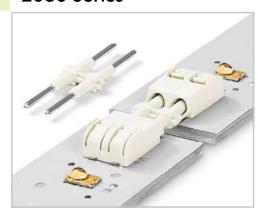
Inserting/removing fine-stranded conductors by lightly pressing on push-button (e.g., using a 206-860 operating tool).



 $<sup>^{\</sup>star}$  Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.



### Board-to-Board Links for SMD PCB Terminal Blocks with Push-Buttons, 0.75 mm<sup>2</sup>, Pin Spacing: 4 mm, 8 mm 2060 Series



- Board-to-board link simplifies in-line assembly of LED modules
- Easy push-in termination and disconnection without push-button actuation

### Technical data:

Pin Spacing	4 mm 0.157 in.		8 mm 0.314 in.			
Ratings per	IEC/EN 60664-1		IEC/EN 60664-1			
Overvoltage category	Ш	Ш	Ш	III	Ш	П
Pollution degree	3	2	2	3	2	2
Rated voltage	63 V	160 V	320 V	400 V	630 V	1000 V
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV	6 kV	6 kV	6 kV
Nominal current	9 A	9 A	9 A	9 A	9 A	9 A
Approvals per		UL/CSA*	•	-	UL/CSA	+
Rated voltage		250 V			600 V	
Nominal current UL		9 A			9 A	

### Material data:

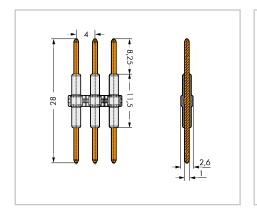
THE STATE OF THE S	
Material group	I
Insulating material	Polyamide 6.6 (PA 6.6)
Flammability rating per UL 94	V0
Lower/Upper limit temperature	-60 °C / +105 °C
Contact material	Copper alloy
Contact plating	Silver-plated

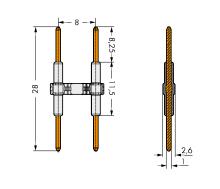
# •

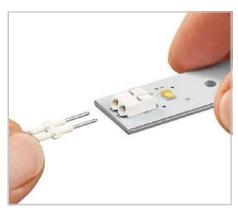
# Board-to-Board Links for SMD PCB Terminal Blocks with Push-Buttons, 0.75 mm<sup>2</sup>

Pin spacing: 4	Pin spacing: 4 mm / 0.157 in.		Pin spacing: 8 mm / 0.314 in.		
160 V/2.5 kV/2 9 A	250 V/9 A	630 V/6 kV/2 9 A	600 V/9 A		



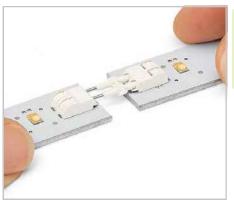




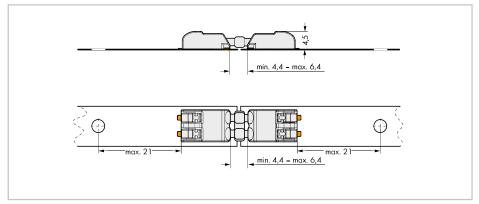


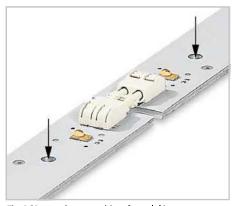
Inserting board-to-board link into terminal block.

Pole No.	Item No.	Pack. Unit	Pole No	. Item No.	Pack. Unit
	oard link for SMD PCB termi outtons, white	inal blocks		o-board link for SMD PC ttons, white	B terminal blocks with
1	2060-951/028-000	1500			
2	2060-952/028-000	500	2	2060-962/028-000	375
3	2060-953/028-000	375			
4	2060-954/028-000	250			



Assembly: Place PCBs on a flat surface and insert links into terminal blocks on adjoining PCBs. Disassembly: Pull PCBs apart. (max. 10 connections/disconnections)





The PCBs must be secured (see figure left).





### SMD PCB Terminal Blocks with Push-Buttons, 1.5 mm<sup>2</sup> Pin Spacing: 6 mm 2061 Series



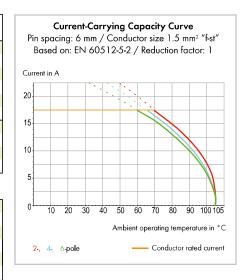
- SMD PCB terminal blocks with Push-in CAGE CLAMP® and push-buttons
- Just 5.6 mm high
- Push-in termination of solid and ferruled conductors
- Push-buttons for easy connection and removal of all conductor types
- Available in tape-and-reel packaging for automated assembly

#### Technical data:

Pole No.		1 pole		2	and 3 pc	ole
Ratings per	IEC/	EN 606	54-1	IEC/EN 60664-1		
Overvoltage category	Ш	Ш	Ш	III	Ш	Ш
Pollution degree	3	2	2	3	2	2
Rated voltage	250 V	320 V	630 V	250 V	320 V	630 V
Rated surge voltage	4 kV					
Nominal current	1 <i>7</i> .5A	1 <i>7.</i> 5A	1 <i>7</i> .5A	1 <i>7</i> .5A	1 <i>7</i> .5A	1 <i>7</i> .5A
Approvals per		UL			UL	
Use group UL 1059	В	С	D	В	С	D
Rated voltage	600 V	-	600 V	600 V	-	600 V
Nominal current UL	10 A	-	5 A	10 A	-	10 A



Connection technology	Push-in CAGE CLAMP®		
Conductor size: solid	$0.5 \dots 1.5 \text{ mm}^2$		
Conductor size: fine-stranded	0.5 1.5 mm <sup>2</sup>		
Conductor size: fine-stranded	0.5 0.75 mm <sup>2</sup> (with insulated ferrule)		
Conductor size: fine-stranded	0.5 0.75 mm <sup>2</sup> (with uninsulated ferrule)		
AWG	20 16		
Strip length	7 10 mm / 0.28 0.39 in.		
Conductor entry angle	0° to PCB		



### Material data:

Material group	I
Insulating material	Glass-fiber-reinforced polyphthalamide (PPA GF)
Flammability class per UL 94	VO
Lower/Upper limit temperature	-60°C/+105°C
Contact material	Copper alloy
Contact plating	tin-plated

2061 Series accessories:	Page:
Operating tool (206-861)	499
Operating tool (2061-189)	499

### Application notes:

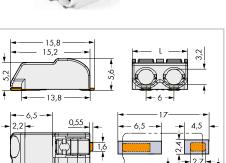
Suitable for lead-free, reflow-soldering profiles acc. to DIN EN 61760-1 and IEC 60068-2-58 up to max. 260 °C peak temperature. Due to customer specific variables (e.g., component configuration and orientation, type of soldering machine, solder paste), it is recommended that trial runs are conducted to ensure product and process compatibility under actual manufacturing conditions.

Recommendation for stencil: Material thickness, 150 µm. Stencil layout identical to pad layout.

## SMD PCB Terminal Blocks with Push-Buttons, 1.5 mm<sup>2</sup>

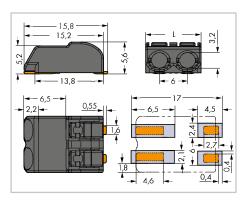
Pin spacing: 6 mm / 0.24 in.		Pin spacing: 6 mm / 0.24 in.		
	0.5 1.5 mm <sup>2</sup> 320 V/4 kV/2 17.5 A	20 16 AWG	0.5 1.5 mm <sup>2</sup> 320 V/4 kV/2 17.5 A	20 16 AWG



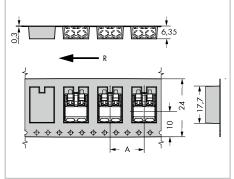


 $L = (pole no. \times pin spacing) - 0.3 mm$ 









R = Feed directionA = 12 mm (1-pole) A = 16 mm (2-pole) A = 24 mm (3-pole)

Pole No.	Item No.	Pack. Unit	Pole No.	Item No.	Pack. Unit	
SMD	SMD PCB terminal block with push-buttons			SMD PCB terminal blocks with push-buttons		
in tape-and-reel packaging, white*			in tape-and-reel packaging, black			
1	2061-601/998-404	8100 (9 x 900)	1	2061-621/998-404	8100 (9 x 900)	
2	2061-602/998-404	6300 (9 x 700)	2	2061-622/998-404	6300 (9 x 700)	
3	2061-603/998-404	4050 (9 x 450)	3	2061-623/998-404	4050 (9 x 450)	
Reel di	Reel diameter: 330 mm			Reel diameter: 330 mm		



Inserting solid conductors via push-in termination.



Inserting/removing fine-stranded conductors by lightly pressing on push-button (e.g., using a 206-861 operating tool).



 $<sup>^{\</sup>star}$  Depending on reflow soldering temperatures and times, color deviations may occur for white connectors. These deviations will have no impact on functionality.