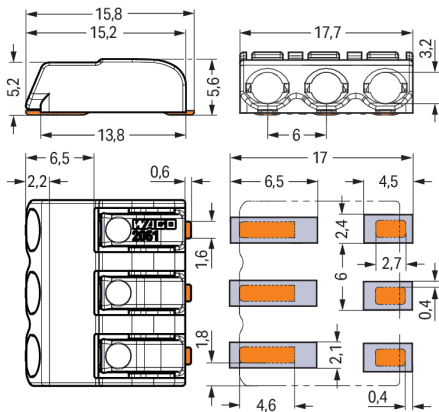
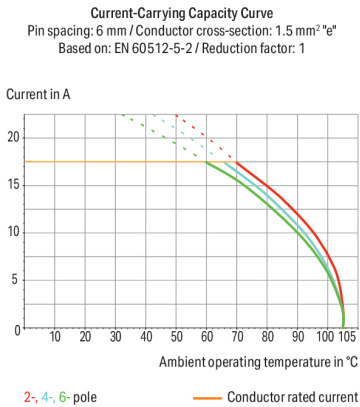
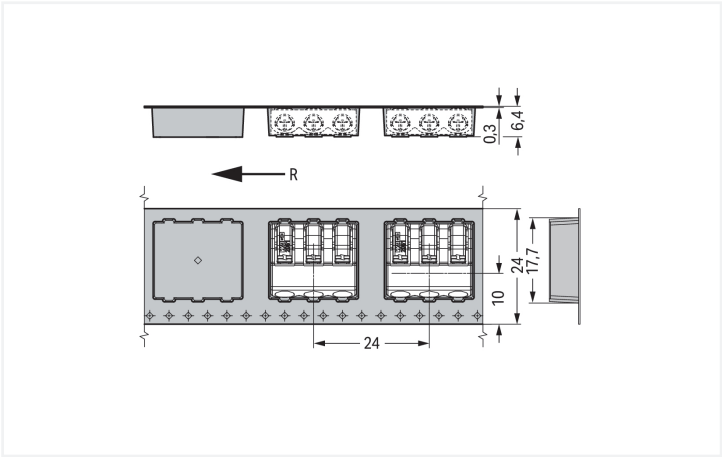




Color: ■ white



Dimensions in mm



Dimensions in mm
R = feed direction

PCB terminal block, 2061 Series, white

Quick and easy connections are guaranteed with this PCB terminal block (item number 2061-603/998-404). It offers the flexibility needed for different mounting types. Ensure that the strip lengths are between 7 and 10 mm when connecting conductors to this PCB terminal block. Featuring one conductor terminal along with Push-in CAGE CLAMP®, this product delivers reliable performance. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, featuring a winning design: It allows direct insertion of both solid and fine-stranded conductors with ferrules without needing tools. No preparation is required; for example, crimping the conductor's ferrule is not necessary. The item's dimensions are (17.7 x 5.6 x 15.8) mm (width x height x depth). Depending on the conductor type, this PCB terminal block is designed for conductor cross sections ranging from 0.25 mm² to 1.5 mm².

The contact surface is coated with tin. This PCB terminal block is operated with a push-button. SMD is used to solder the PCB terminal block. The conductor is designed to be inserted at an angle of 0°..

Notes	
General safety information	NOTICE: Observe installation and safety instructions!
Note	To be sold only with installation instructions! Application notes: Suitable for lead-free, reflow-soldering profiles per DIN EN 61760-1 and IEC 60068-2-58 up to max. 260°C peak temperature. Due to application-specific variables (component configuration and orientation, type of soldering machine, solder paste), trial runs are recommended to ensure product and process compatibility under actual manufacturing conditions. Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.
Recommendation	Recommendation for stencil: 150 µm material thickness; Pattern layout identical to solder pad layout

Electrical data							
Ratings per		IEC/EN 60664-1			Approvals per		UL 1059
Overvoltage category		III	III	II	Use group	B	C D
Pollution degree		3	2	2	Rated voltage	300 V	- 300 V
Nominal voltage		250 V	320 V	630 V	Rated current	10 A	- 10 A
Rated impulse withstand voltage		4 kV	4 kV	4 kV			
Rated current		17.5 A	17.5 A	17.5 A			

Physical data	
Pin spacing	6 mm / 0.24 inches
Width	17.7 mm / 0.697 inches
Height	5.6 mm / 0.22 inches
Height from the surface	5.6 mm / 0.22 inches
Depth	15.8 mm / 0.622 inches
Reel diameter of tape-and-reel packaging	330 mm
Tape width	24 mm

PCB contact	
PCB contact	SMD
Solder pin arrangement	over the entire terminal strip (in-line)
Number of solder pins per potential	2

Material data	
Note (material data)	Information on material specifications can be found here
Color	white
Material group	I
Insulation material (main housing)	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact Plating	Tin
Fire load	0.012 MJ
Weight	1.6 g
MSL per J-STD 020D	1

Environmental requirements	
Limit temperature range	-60 ... +105 °C



Commercial data	
PU (SPU)	4050 (450) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143278041
Customs tariff number	85369010000

Product Classification	
UNSPSC	39121409
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 10.0	EC001284
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7773
CCA DEKRA Certification B.V.	EN 60838	NTR NL-7721
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-110254
KEMA/KEUR DEKRA Certification B.V.	EN 60838	71-106232

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2061-603/998-404	

Documentation			
Safety Data Sheet		Additional Information	
Handling and Safety Instructions of PCB Terminal Blocks with Push-In Cage Clamp	pdf 393.90 KB	Technical Section	03.04.2019 pdf 2027.26 KB

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 2061-603/998-404	ZUKEN Portal 2061-603/998-404

PCB Design	
Symbol and Footprint via SamacSys 2061-603/998-404	
Symbol and Footprint via Ultra Librarian 2061-603/998-404	

1 Compatible Products
1.1 Optional Accessories
1.1.1 Board-to-board link
1.1.1.1 Board-to-board link



Item No.: 2061-903 Board-to-Board Link; Pin spacing 6 mm; 3-pole; Length: 30 mm; white	Item No.: 2061-903/034-000 Board-to-Board Link; Pin spacing 6 mm; 3-pole; Length: 34 mm; white
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1.1.2 Ferrule
1.1.2.1 Ferrule



Item No.: 216-201 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white	Item No.: 216-241 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	Item No.: 216-141 Ferrule; Sleeve for 0.5 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	Item No.: 216-101 Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored
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Item No.: 216-242 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	Item No.: 216-202 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray	Item No.: 216-142 Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92	Item No.: 216-102 Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; silver-colored
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1.1.3 Tool

1.1.3.1 Operating tool



Item No.: 206-866
Operating tool; for 2061 Series



Item No.: 2061-190
Operating tool; made of insulating material

Installation Notes

Conductor termination



Inserting solid conductors via push-in termination.

Conductor termination



Easy conductor removal, e.g., via operating tool (206-861)