

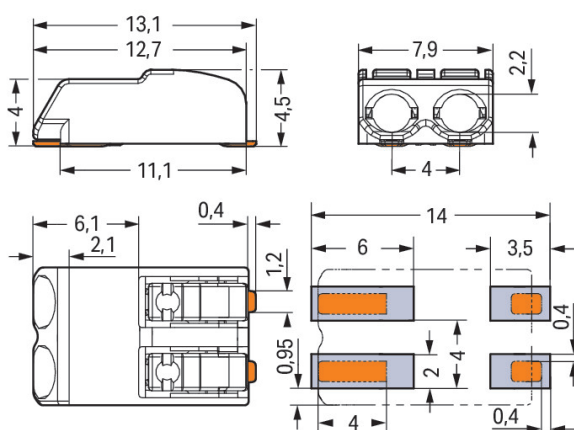
Data Sheet | Item Number: 2060-452/998-604

SMD PCB terminal block; push-button; 0.75 mm²; Pin spacing 4 mm; 2-pole; Push-in
CAGE CLAMP®; in tape-and-reel packaging; 0,75 mm²; white

<https://www.wago.com/2060-452/998-604>

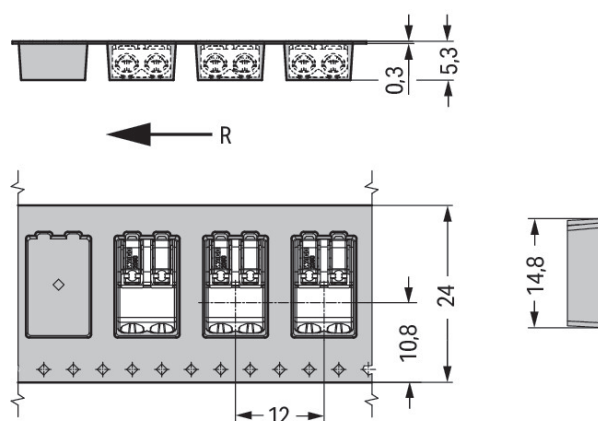


Color: ■ white



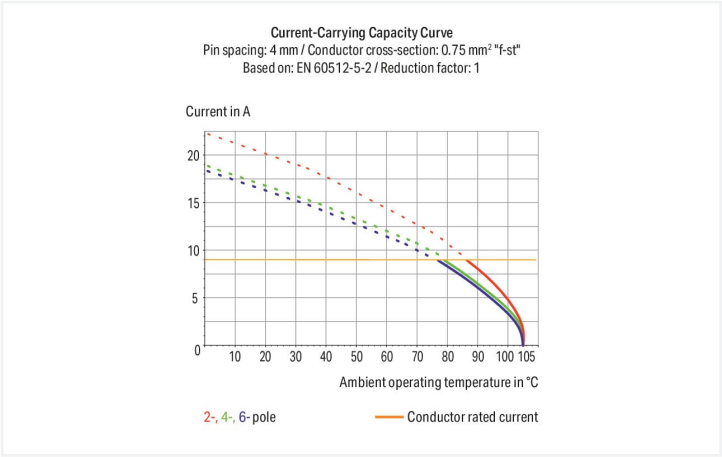
Dimensions in mm

L = (pole no. x pin spacing) – 0.1 mm



Dimensions in mm

R = feed direction





- SMD PCB terminal blocks with Push-in CAGE CLAMP® connection technology 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 tall
- Available in tape-and-reel packaging for automated assembly

Notes	
Note	<p>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.</p> <p>Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.</p>
Recommendation	<p>Recommendation for stencil: 150 µm material thickness; Pattern layout identical to solder pad layout</p>



Electrical data			
Ratings per IEC/EN		Ratings per UL 1977	
Ratings per	IEC/EN 60664-1	Rated voltage (UL 1977)	320 V
Nominal voltage (III/3)	63 V	Rated current UL 1977	9 A
Rated impulse voltage (III/3)	2.5 kV		
Rated voltage (III/2)	160 V		
Rated impulse voltage (III/2)	2.5 kV		
Nominal voltage (II/2)	320 V		
Rated surge voltage (II/2)	2.5 kV		
Rated current	9 A		
Legend (ratings)	(III / 2) \triangle Overvoltage category III / Pollution degree 2		

Connection data			
Connection points	2	Connection 1	
Total number of potentials	2	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Push-button
Number of levels	1	Solid conductor	0.2 ... 0.75 mm² / 24 ... 18 AWG
		Fine-stranded conductor	0.2 ... 0.75 mm² / 24 ... 18 AWG
		Fine-stranded conductor; with insulated ferrule	0.25 ... 0.34 mm²
		Fine-stranded conductor; with uninsulated ferrule	0.25 ... 0.34 mm²
		Strip length	7 ... 9 mm / 0.28 ... 0.35 inches
		Conductor connection direction to PCB	0 °
		Pole number	2

Physical data	
Pin spacing	4 mm / 0.157 inches
Width	7.9 mm / 0.311 inches
Height	4.5 mm / 0.177 inches
Depth	13.1 mm / 0.516 inches
Reel diameter of tape-and-reel packaging	380 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	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Copper alloy
Contact material	Copper alloy
Contact plating	Tin
Fire load	0.016 MJ
Weight	0.5 g

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


Commercial data	
PU (SPU)	13500 (1500) pcs
Country of origin	CH
GTIN	4066966483352
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2060-452/998-604	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

1 Compatible Products

1.1 Optional Accessories

1.1.1 Board-to-board link

1.1.1.1 Board-to-board link



Item No.: 2060-952/028-004 Board-to-Board Link; Pin spacing 4 mm; 2-pole; Length: 28 mm; black	Item No.: 2060-952/028-000 Board-to-Board Link; Pin spacing 4 mm; 2-pole; Length: 28 mm; white
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1.1.2 Ferrule

1.1.2.1 Ferrule



Item No.: 216-301 Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow	Item No.: 216-131 Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored	Item No.: 216-302 Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise	Item No.: 216-132 Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated
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1.1.3 Tool

1.1.3.1 Operating tool



Item No.: 206-860
Operating tool; for 2060 Series; multicoloured



Item No.: 2060-189
Operating tool; made of insulating material; for 2060 Series; white

Installation Notes

Conductor termination



Insert solid conductors via push-in termination.

Conductor termination



Insert/remove fine-stranded conductors by lightly pressing on push-button, e.g., via optional operating tool (206-860).



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