

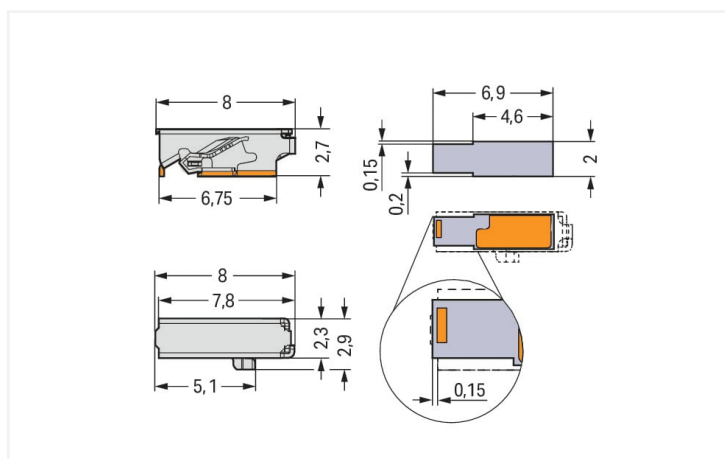
Data Sheet | Item Number: 2065-100/998-403

SMD PCB terminal block; push-button; 0.75 mm²; Pin spacing 6.5 mm; 1-pole; Push-in CAGE CLAMP®; in tape-and-reel packaging; Without housing; 0,75 mm²; silver-colored

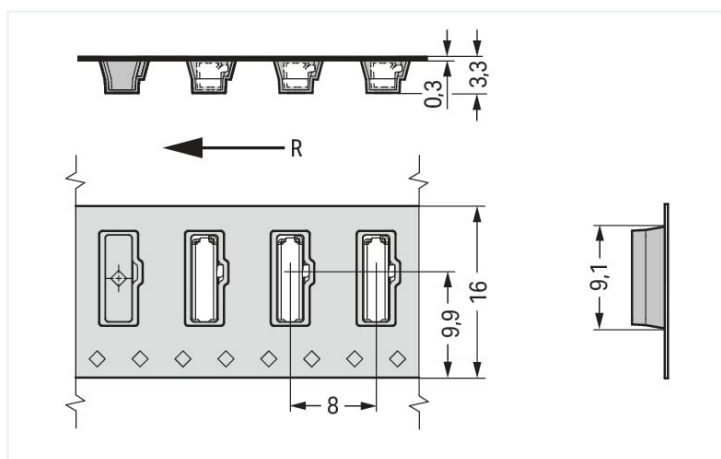
<https://www.wago.com/2065-100/998-403>



Color: ■ silver-colored



Dimensions in mm



Dimensions in mm
R = feed direction

- SMD PCB terminal block with Push-in CAGE CLAMP® connection technology and push-button
- Push-in termination of solid conductors
- Convenient termination/removal of fine-stranded conductors via push-button and operating tool
- Just 2.7 mm tall
- Available in tape-and-reel packaging for automated assembly
- Also available in a PUSH WIRE® variant without push-button (only for solid conductors)
- As if from a single mold: Miniaturized connection technology meets elegant design.
- Slim SMD metal contact enables space-saving and convenient conductor connection.



Notes	
Safety information	
	Notice: Terminal block without insulation housing! Protection against accidental contact must be provided at voltages higher than low voltages (e.g., SELV/PELV) for the relevant application.

Note	The ratings are based on an example pin spacing of 6.5 mm. The layout must meet the requirements of the insulation coordination standard EN/IEC 60664-1 and applicable end product standards.
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Electrical data							
Ratings per		IEC/EN 60664-1		Approvals per		UL 1977	
Overvoltage category	III	III	II	Rated voltage		600 V	
Pollution degree	3	2	2	Rated current		9 A	
Nominal voltage	-	320 V	630 V				
Rated surge voltage	-	4 kV	4 kV				
Rated current	-	9 A	9 A				

Connection data				Connection 1	
Connection points	1			Connection technology	Push-in CAGE CLAMP®
Total number of potentials	1			Actuation type	Push-button
Number of connection types	1			Solid conductor	0.2 ... 0.75 mm² / 24 ... 18 AWG
Number of levels	1			Fine-stranded conductor	0.2 ... 0.75 mm² / 24 ... 18 AWG
				Strip length	7.5 ... 9.5 mm / 0.3 ... 0.37 inches
				Conductor connection direction to PCB	0 °
				Pole number	1

Physical data		
Pin spacing	6.5 mm / 0.256 inches	
Width	2.9 mm / 0.114 inches	
Height	2.7 mm / 0.106 inches	
Depth	8 mm / 0.315 inches	
Reel diameter of tape-and-reel packaging	330 mm	
Tape width	16 mm	

PCB contact		
PCB contact	SMD	
Solder pin arrangement	over the entire terminal strip (in-line)	
Number of solder pins per potential	1	



Material data	
Note (material data)	Information on material specifications can be found here
Color	silver-colored
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	Tin
Fire load	0 MJ
Weight	0.1 g

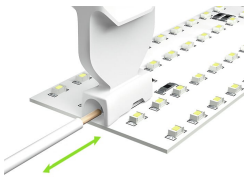
Environmental requirements	
Limit temperature range	-60 ... +120 °C

Commercial data	
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	31800 (2650) pcs
Packaging type	Box
Country of origin	CH
GTIN	4055143665469
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

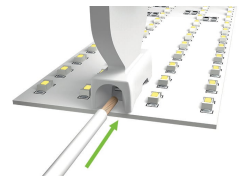
Installation Notes

Conductor termination



Push-in CAGE CLAMP® variant: Insert fine-stranded conductors and remove all conductor types via operating tool. Solid conductors can also be terminated by simply pushing them in.

Conductor termination



The 2065-189 Operating Tool's funneled conductor entry securely guides all conductor types into the Push-in CAGE CLAMP®.

