

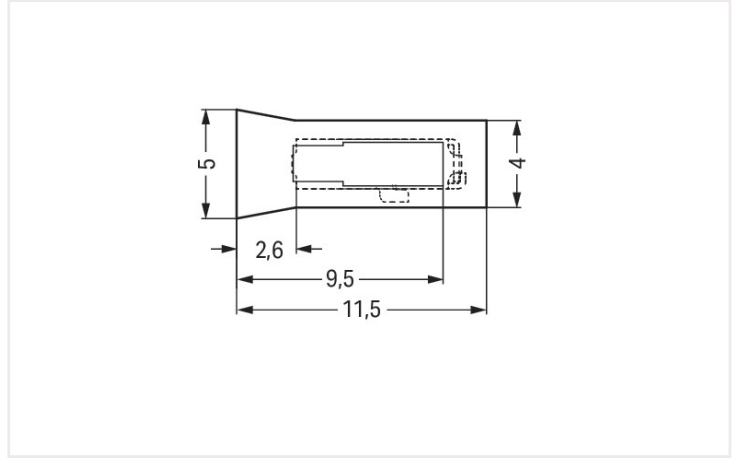
## Data sheet | Item number: 2065-100/998-403

SMD PCB terminal block; push-button; 0.75 mm<sup>2</sup>; Pin spacing 6.5 mm; 1-pole; Push-in CAGE CLAMP®; in tape-and-reel packaging; Without housing; 0,75 mm<sup>2</sup>; silver-colored

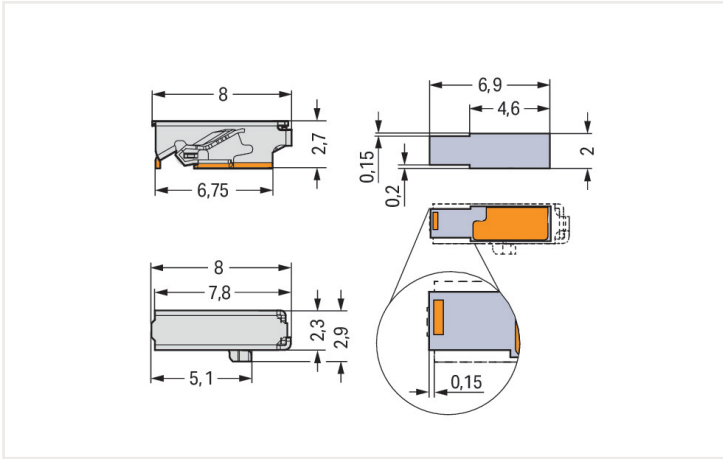
<https://www.wago.com/2065-100/998-403>



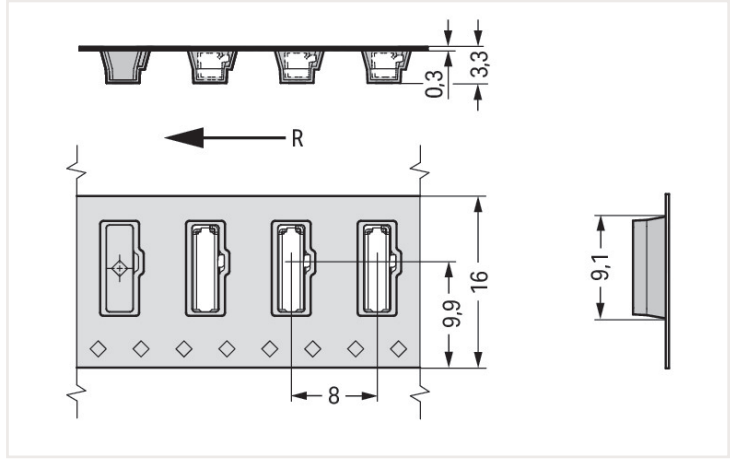
Color: silver-colored



Required space for operating tool



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 1

#### Note

**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.**

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.



Electrical data			
Ratings per IEC/EN		Ratings per UL	
Ratings per	IEC/EN 60664-1	Rated voltage (UL 1977)	600 V
Rated voltage (III/2)	320 V	Rated current UL 1977	9 A
Rated impulse voltage (III/2)	4 kV		
Nominal voltage (II/2)	630 V		
Rated surge voltage (II/2)	4 kV		
Rated current	9 A		
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2		

Connection data			
Connection points		Connection 1	
Total number of potentials	1	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
		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)	<a href="#">Information on material data can be found here</a>	
Color	silver-colored	
Clamping spring material	Chrome-nickel spring steel (CrNi)	
Contact material	Copper alloy	
Contact plating	Tin	
Fire load	0 MJ	
Weight	0.3 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

Approvals and certificates

General approvals



Approval	Standard	Certificate name
CB DEKRA Certification B.V.	EN 60947-7-4	NL-63702
CB DEKRA Certification B.V.	IEC 60998	NL-63703
KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-112513
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-112514

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2065-100/998-403	

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	



CAD/CAE-Data	
<div>CAD data</div> <div>2D/3D Models 2065-100/998-403</div> <div>↓</div>	<div>CAE data</div> <div>ZUKEN Portal 2065-100/998-403</div> <div>↓</div>

1 Compatible products
1.1 Optional accessories
1.1.1 Board-to-board link
1.1.1.1 Board-to-board link



Item no.: 2065-131  
Board-to-Board Link; Pin spacing 6.5 mm;  
Length: 15.6 mm; silver-colored



Item no.: 2065-133  
Board-to-Board Link; Pin spacing 6.5 mm;  
Length: 17.6 mm; silver-colored

1.1.2 Tool
1.1.2.1 Operating tool



Item no.: 2065-189  
Operating tool; made of insulating material; white

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