

**Data sheet | Item number: 2061-601/998-404**

SMD PCB terminal block; push-button; 1.5 mm<sup>2</sup>; Pin spacing 6 mm; 1-pole;  
Push-in CAGE CLAMP®; in tape-and-reel packaging; 1,50 mm<sup>2</sup>; white



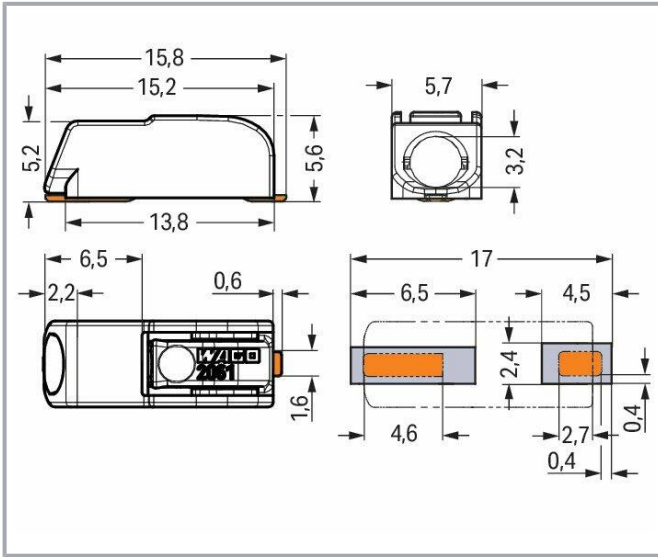
[www.wago.com/2061-601\\_998-404](http://www.wago.com/2061-601_998-404)



Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



Dimensions in mm

R = feed direction

Subject to changes. Please also observe the further product documentation!



## Item description

- SMD PCB terminal blocks with Push-in CAGE CLAMP<sup>®</sup> connection technology and push-buttons
- Just 5.6 mm tall
- Push-in termination of solid and ferruled conductors
- Push-button for easy connection and disconnection of all conductor types
- Available in tape-and-reel packaging for automated assembly

## Data

### Notes

#### Note

#### 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.

#### Note

Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.

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## Recommendation

Recommendation for stencil:

150 µm material thickness; Pattern layout identical to solder pad layout

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**Electrical data**
**Ratings per IEC/EN**

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	17.5 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

**Ratings per UL**

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	10 A
Rated voltage UL (Use Group D)	600 V
Rated current UL (Use Group D)	5 A

**Connection data**

Total number of connection points	1
Total number of potentials	1
Number of connection types	1
Number of levels	1

**Connection 1**

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Solid conductor	0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG

Subject to changes. Please also observe the further product documentation!



Fine-stranded conductor	0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 0.75 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.5 ... 0.75 mm <sup>2</sup>
Strip length	7 ... 10 mm / 0.28 ... 0.39 inch
Conductor connection direction to PCB	0°
Pole No.	1

### Physical data

Pin spacing	6 mm / 0.24 inch
Width	5.7 mm / 0.224 inch
Height	5.6 mm / 0.22 inch
Height from the surface	5.6 mm / 0.22 inch
Depth	15.8 mm / 0.622 inch
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 on material data	Information on material data can be found here
Color	white
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	tin-plated
Fire load	0.008 MJ
Weight	1 g

### Environmental requirements

Limit temperature range	-60 ... +105 °C
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## Commercial data


PU (SPU)	8100 (900) Stück
Packaging type	box
Country of origin	CN
GTIN	4055143278065
Customs tariff number	85369010000

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7773
	CCA DEKRA Certification B.V.	EN 60947-7-4	71-110254
	CCA DEKRA Certification B.V.	EN 60838	NTR NL-7721
	KEMA/KEUR DEKRA Certification B.V.	EN 60838	71-106232

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E45172

Subject to changes. Please also observe the further product documentation!

## Counterpart



**Item no.2061-901**  
Board-to-Board Link; Pin spacing 6 mm; 1-pole; Length: 30 mm; white

[www.wago.com/2061-901](http://www.wago.com/2061-901)

**Item no.2061-901/034-000**  
Board-to-Board Link; Pin spacing 6 mm; 1-pole; Length: 34 mm; white

[www.wago.com/2061-901/034-000](http://www.wago.com/2061-901/034-000)

## Optional accessories

### Tool

Operating tool

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

[www.wago.com/2061-190](http://www.wago.com/2061-190)

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

[www.wago.com/206-866](http://www.wago.com/206-866)

### Ferrule

Ferrule

**Item no.: 216-101**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-101](http://www.wago.com/216-101)

**Item no.: 216-102**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated; silver-colored

[www.wago.com/216-102](http://www.wago.com/216-102)

**Item no.: 216-142**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-142](http://www.wago.com/216-142)

**Item no.: 216-141**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

[www.wago.com/216-141](http://www.wago.com/216-141)

**Item no.: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray

[www.wago.com/216-202](http://www.wago.com/216-202)

**Item no.: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white

[www.wago.com/216-201](http://www.wago.com/216-201)

**Item no.: 216-241**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white

[www.wago.com/216-241](http://www.wago.com/216-241)

**Item no.: 216-242**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

[www.wago.com/216-242](http://www.wago.com/216-242)

**Item no.: 216-262**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

[www.wago.com/216-262](http://www.wago.com/216-262)

Subject to changes. Please also observe the further product documentation!



## Downloads

### Documentation

#### Additional Information

Technical Section	2019 Apr 3	pdf	Download
Technical explanations		2.0 MB	

## CAD/CAE-Data

### CAD data

2D/3D Models 2061-601/998-404	URL	Download
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### PCB Design

Symbol and Footprint 2061-601/998-404	URL	Download
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CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

### Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept

Subject to changes. Please also observe the further product documentation!





- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

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#### CAE data

ZUKEN Portal 2061-601/998-404	URL	Download
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## Environmental Product Compliance

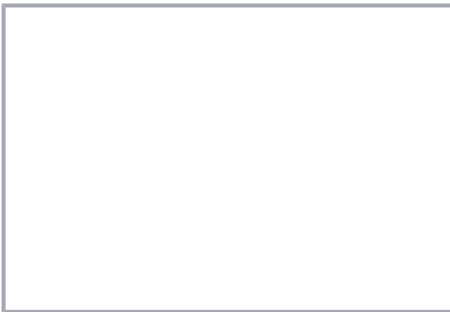
### Compliance Search

Environmental Product Compliance 2061-601/998-404 SMD PCB terminal block; push-button; 1.5 mm <sup>2</sup> ; Pin spacing 6 mm; 1-pole; Push-in CAGE CLAMP®; in tape-and-reel packaging; 1,50 mm <sup>2</sup> ; white	URL	Download
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## Installation Notes

### Conductor termination



Inserting solid conductors via push-in termination.

### Conductor termination

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Subject to changes. Please also observe the further product documentation!



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

Subject to changes. Please also observe the further product documentation!