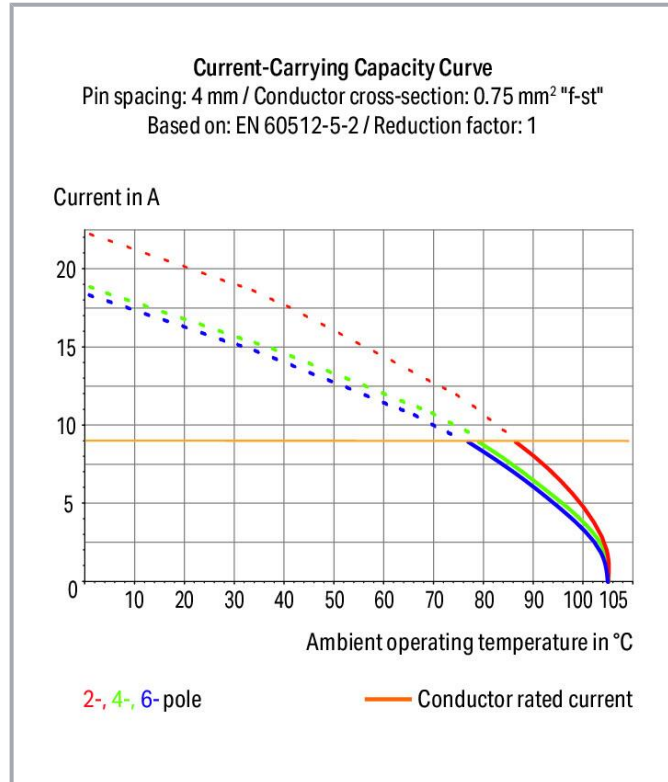


Data sheet | Item number: 2060-872/998-404

SMD PCB terminal block; push-button; 0.75 mm<sup>2</sup>; Pin spacing 8 mm; 2-pole;  
Push-in CAGE CLAMP®; in tape-and-reel packaging; 0,75 mm<sup>2</sup>; black



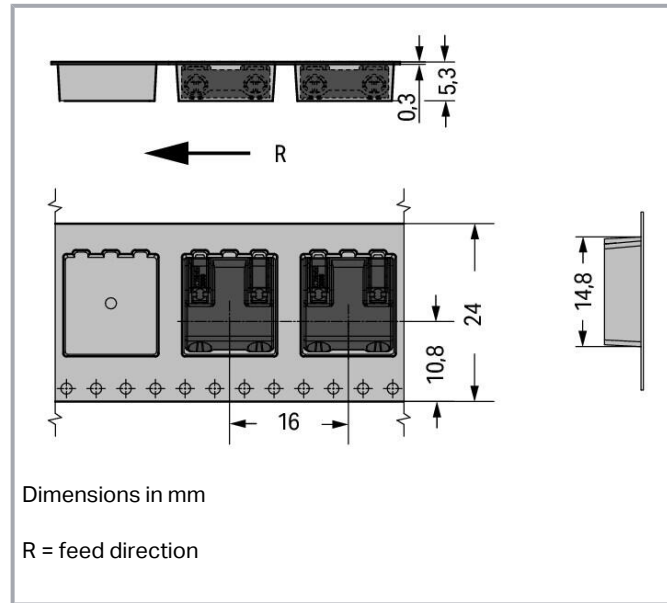
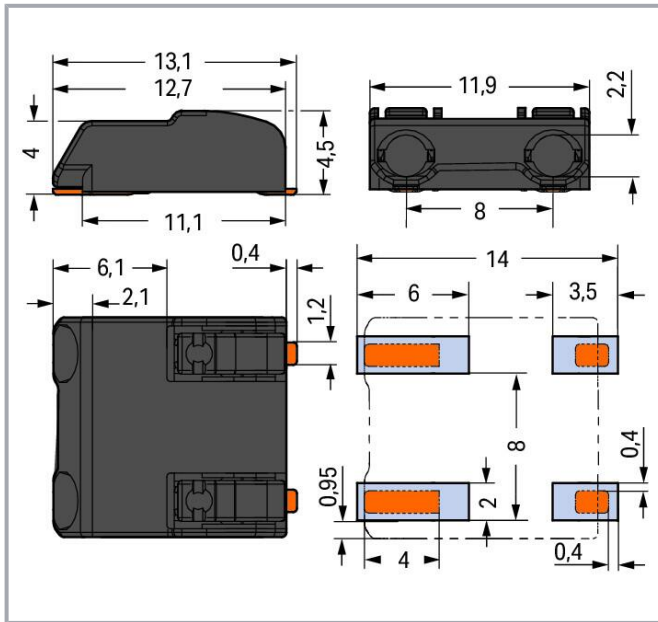
[www.wago.com/2060-872/998-404](http://www.wago.com/2060-872/998-404)



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

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## Item description

- SMD PCB terminal blocks with Push-in CAGE CLAMP<sup>®</sup> 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

## 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

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



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

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V
Rated impulse voltage (III/3)	6 kV
Rated voltage (III/2)	630 V
Rated impulse voltage (III/2)	6 kV
Nominal voltage (II/2)	1000 V
Rated surge voltage (II/2)	6 kV
Rated current	9 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

### Ratings per UL 1977

Rated voltage (UL 1977)	600 V
Rated current UL 1977	9 A

## Connection data

Connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

### Connection 1

Connection technology Push-in CAGE CLAMP®

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



Actuation type	Push-button
Solid conductor	0.2 ... 0.75 mm <sup>2</sup> / 24 ... 18 AWG
Fine-stranded conductor	0.2 ... 0.75 mm <sup>2</sup> / 24 ... 18 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.34 mm <sup>2</sup>
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 0.34 mm <sup>2</sup>
Strip length	7 ... 9 mm / 0.28 ... 0.35 inches
Conductor connection direction to PCB	0°
Pole number	2

### Physical data

Pin spacing	8 mm / 0.314 inches
Width	11.9 mm / 0.469 inches
Height	4.5 mm / 0.177 inches
Depth	13.1 mm / 0.516 inches
Reel diameter of tape-and-reel packaging	330 mm
Tape width	24 mm

### Plug-in connection

Plugging without loss of pin spacing	Yes
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### 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	black
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
Weight	0.6 g

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

MSL gemäß J-STD 020D

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## Environmental requirements

Limit temperature range	-60 ... +105 °C
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## 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)	6750 (750) pcs
Packaging type	box
Country of origin	CH
GTIN	4055143251167
Customs tariff number	85369010000

## Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7724
	CCA DEKRA Certification B.V.	EN 60838	NTR NL-2168246
	CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7843
	cURus Underwriters Laboratories Inc.	UL 1977	E45171



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	KEMA/KEUR DEKRA Certification B.V.	EN 60838	2168246.01
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-108183
	KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-109040
	KEMA/KEUR DEKRA Certification B.V.	EN 60947-7-4	71-114208

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-


Counterpart


	Item no.2060-962/028-000 Board-to-Board Link; Pin spacing 8 mm; 2-pole; Length: 28 mm; white	<a href="http://www.wago.com/2060-962/028-000">www.wago.com/2060-962/028-000</a>
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Optional accessories

Ferrule		
	Ferrule	
	Item no.: 216-132 Ferrule; Sleeve for 0.34 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-132">www.wago.com/216-132</a>
	Item no.: 216-131 Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated; silver-colored	<a href="http://www.wago.com/216-131">www.wago.com/216-131</a>


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

	<b>Item no.: 216-301</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow	<a href="http://www.wago.com/216-301">www.wago.com/216-301</a>
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	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise	<a href="http://www.wago.com/216-302">www.wago.com/216-302</a>
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#### Board-to-board link


Board-to-board link

	<b>Item no.: 2060-962/028-000</b> Board-to-Board Link; Pin spacing 8 mm; 2-pole; Length: 28 mm; white	<a href="http://www.wago.com/2060-962/028-000">www.wago.com/2060-962/028-000</a>
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#### Tool

Operating tool

	<b>Item no.: 206-860</b> Operating tool; for 2060 Series; multicoloured	<a href="http://www.wago.com/206-860">www.wago.com/206-860</a>
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	<b>Item no.: 2060-189</b> Operating tool; made of insulating material; for 2060 Series; white	<a href="http://www.wago.com/2060-189">www.wago.com/2060-189</a>
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## Downloads

### Documentation

#### Additional Information

Technical Section	2019 Apr 3	pdf	Download
Technical explanations		2.0 MB	

## CAD/CAE-Data

### CAE data

ZUKEN Portal 2060-872/998-404	URL	Download
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### CAD data

2D/3D Models 2060-872/998-404	URL	Download
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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2060-872/998-404	URL	Download
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Subject to changes. Please also observe the further product documentation!

SMD PCB terminal block; push-button; 0.75 mm<sup>2</sup>; Pin spacing 8 mm; 2-pole; Push-in CAGE CLAMP®; in tape-and-reel packaging; 0,75 mm<sup>2</sup>; black

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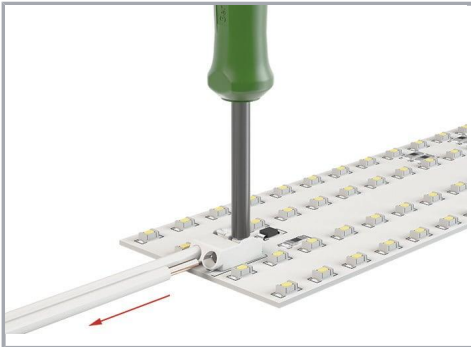
## Installation Notes

### 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).

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