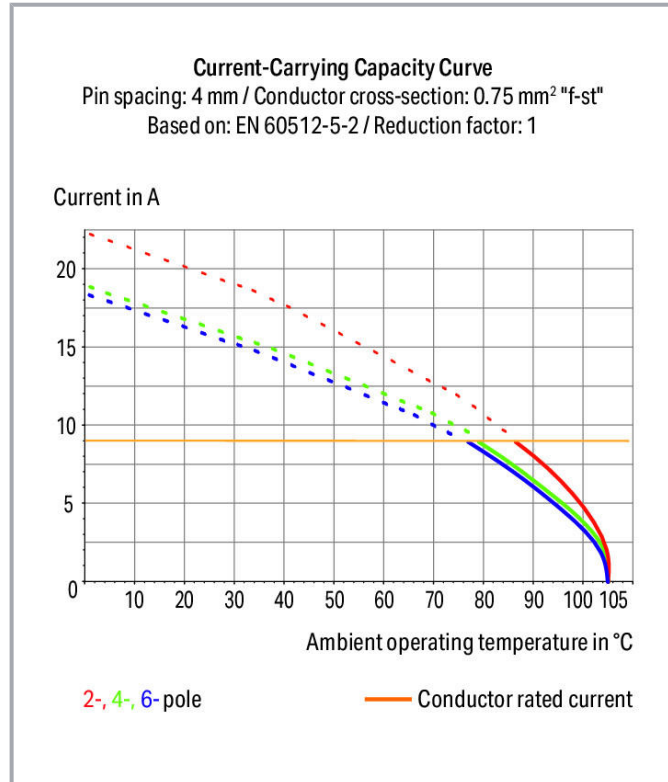


Data sheet | Item number: 2060-852/998-404

SMD PCB terminal block; push-button; 0.75 mm²; Pin spacing 8 mm; 2-pole;
Push-in CAGE CLAMP®; in tape-and-reel packaging; 0,75 mm²; white



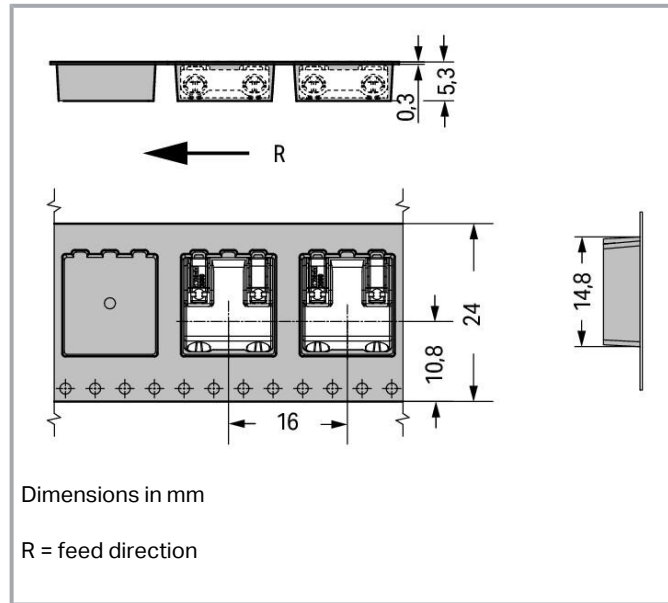
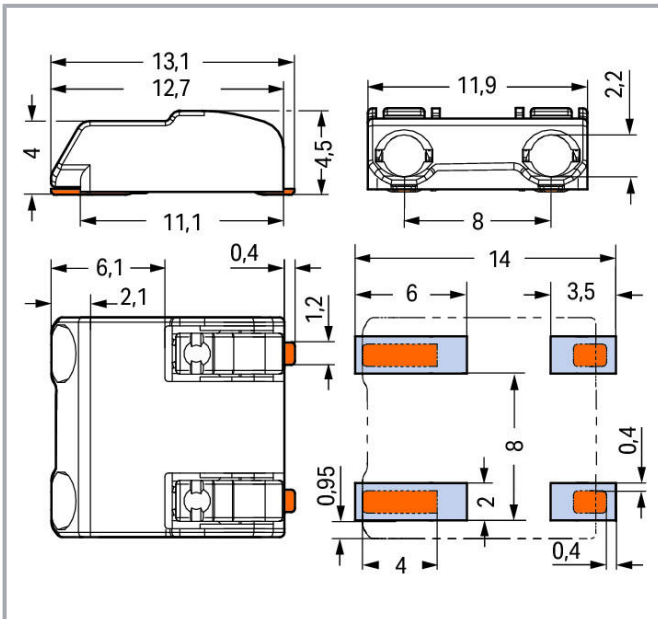
www.wago.com/2060-852_998-404



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.



Item description

- 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

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

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**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.

Recommendation:

Recommendation for stencil:

Material thickness: 150 µm; Pattern layout identical to solder pad layout

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

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	400 V
Rated surge voltage (III/3)	6 kV
Rated voltage (III/2)	630 V
Rated surge 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

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

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button

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



Solid conductor	0.2 ... 0.75 mm ² / 24 ... 18 AWG
Fine-stranded conductor	0.2 ... 0.75 mm ² / 24 ... 18 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.34 mm ²
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 0.34 mm ²
Strip length	7 ... 9 mm / 0.28 ... 0.35 inch
Conductor connection direction to PCB	0°
Pole No.	2
Total number of connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

Physical data

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

PCB contact

PCB Contact	SMD
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Material data

Color	white
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Copper alloy
Contact plating	tin-plated
Weight	0.6 g

Environmental requirements

Limit temperature range	-60 ... +105 °C
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Subject to changes. Please also observe the further product documentation!

Commercial data

Product Group	33 (Printed Circuit)
Packaging type	box
Country of origin	CH
GTIN	4055143135092
Customs tariff number	85369010000

Approvals / Certificates


Country specific 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
	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 60947-7-4	71-114208
	KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-109040





UL-Approvals

Certificate


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

Logo	Approval	Additional Approval Text	name
	cURus Underwriters Laboratories Inc.	UL 1977	20160727- E45171



Optional accessories

Ferrule			
	Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated; silver-colored		www.wago.com/216-131
	Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated		www.wago.com/216-132
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow		www.wago.com/216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green		www.wago.com/216-302

General accessories

	Item no.: 2060-962/028-000 Board-to-Board Link; Pin spacing 8 mm; 2-pole; Length: 28 mm; white		www.wago.com/2060-962/028-000
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Tool

	Item no.: 2060-189 Operating tool; made of insulating material; for 2060 Series; white		www.wago.com/2060-189
	Item no.: 206-860 Operating tool; for 2060 Series; multicoloured		www.wago.com/206-860

Downloads

Documentation

Additional Information

Technical explanations	2019 Apr 3	pdf 2.0 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 2060-852/998-404	URL	Download
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Subject to changes. Please also observe the further product documentation!

CAE data

ZUKEN Portal 2060-852/998-404

[URL](#)

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2060-852/998-404

[URL](#)

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SMD PCB terminal block; push-button; 0.75 mm²; Pin spacing 8 mm; 2-pole; Push-in CAGE CLAMP®; in tape-and-reel packaging; 0,75 mm²; white

Installation Notes

Conductor termination



Insert solid conductors via push-in termination.

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



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!