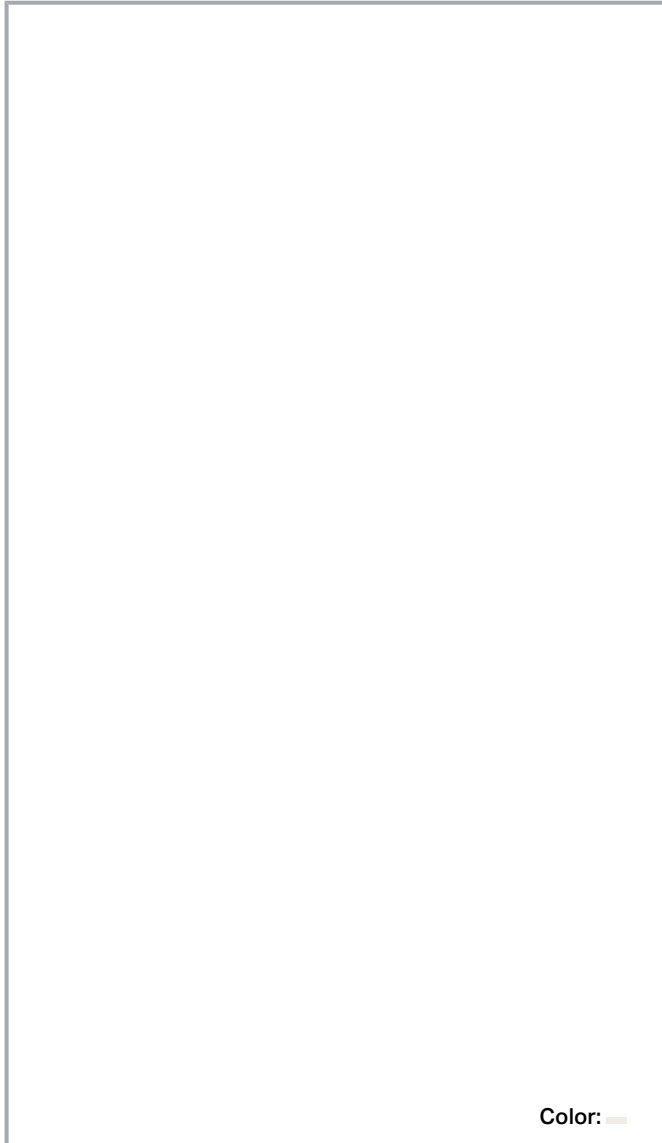


Data sheet | Item number: 2060-852/998-404

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

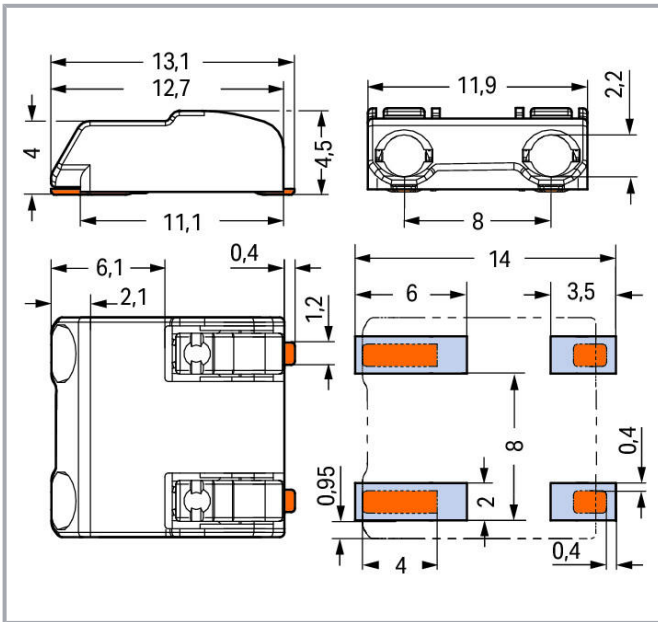


Color:

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

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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[®] 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

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

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

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Recommendation

Recommendation for stencil:

Material thickness: 150 µm; 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 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) $\hat{=}$ Overvoltage category III / Pollution degree 2

Ratings per UL

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

Connection data

Total number of 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®
Actuation type	Push-button
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

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



Strip length	7 ... 9 mm / 0.28 ... 0.35 inch
Conductor connection direction to PCB	0°
Pole No.	2

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
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
Clamping spring material	Copper alloy
Contact material	Copper alloy
Contact plating	tin-plated
Weight	0.6 g

Environmental requirements

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

Product Group	33 (Printed Circuit)
PU (SPU)	6750 (750) Stück
Packaging type	box
Country of origin	CH

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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

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

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

Counterpart

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

Optional accessories

Tool

Operating tool



Item no.: 206-860

Operating tool; for 2060 Series; multicoloured

www.wago.com/206-860

Item no.: 2060-189

Operating tool; made of insulating material; for 2060 Series; white

www.wago.com/2060-189

Ferrule

Ferrule

Item no.: 216-132

Ferrule; Sleeve for 0.34 mm² / AWG 24; uninsulated; electro-tin plated

www.wago.com/216-132

Item no.: 216-131

Ferrule; Sleeve for 0.25 mm² / AWG 24; uninsulated; electro-tin plated; silver-colored

www.wago.com/216-131

Item no.: 216-301

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

www.wago.com/216-301

Item no.: 216-302

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise

www.wago.com/216-302

Downloads

Documentation

Additional Information

Technical explanations

3 avr. 2019

pdf
2.0 MB

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CAD/CAE-Data

CAD data

2D/3D Models 2060-852/998-404

URL

Download

CAE data

ZUKEN Portal 2060-852/998-404

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2060-852/998-404

[URL](#)

[Download](#)

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.



Insert/remove fine-stranded conductors by lightly pressing on push-button, e.g., via optional operating tool (206-860).

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