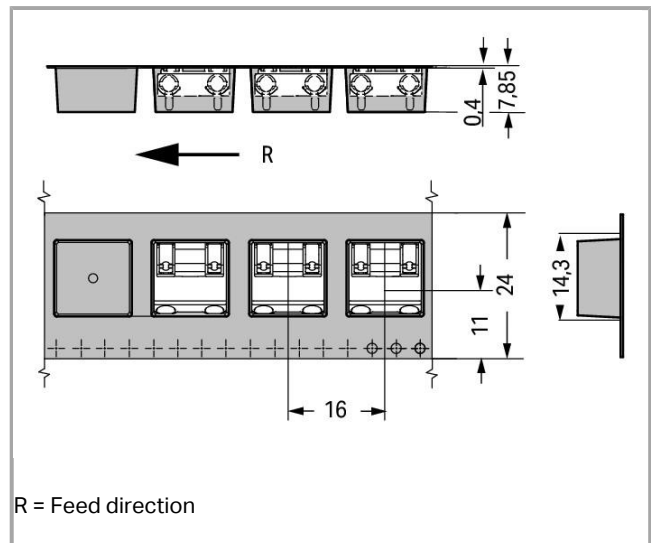
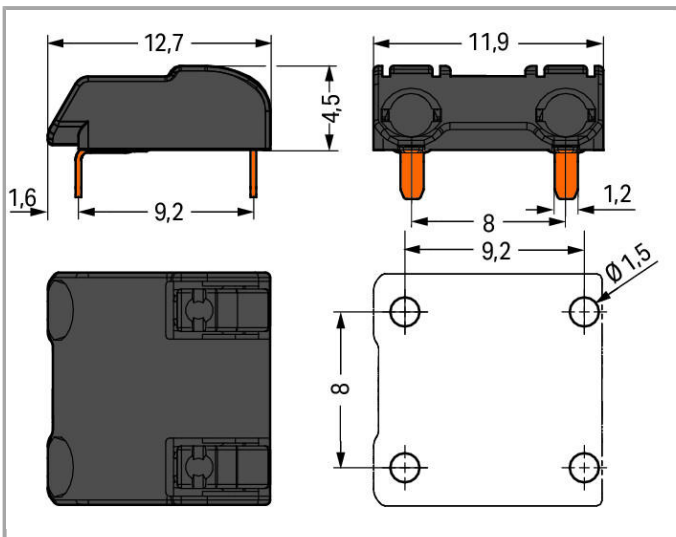
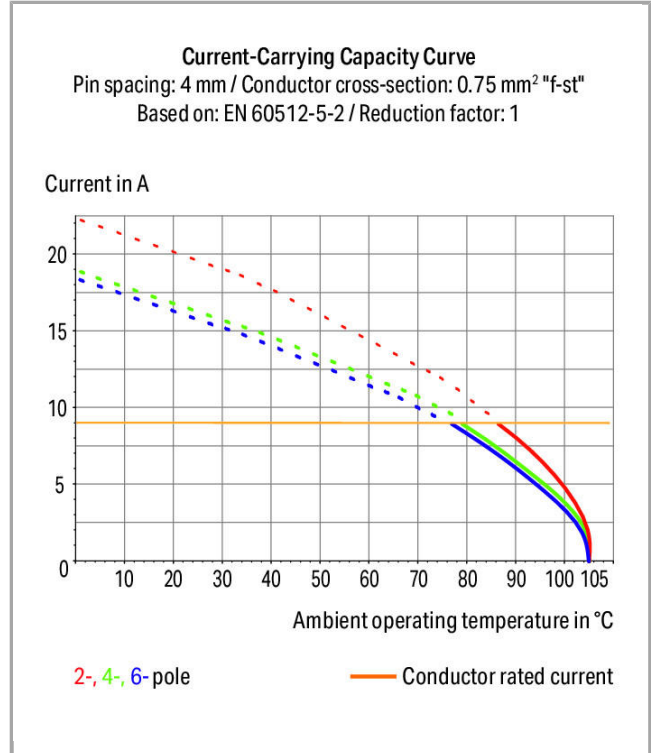


Data sheet | Item number: 2060-1872/998-404

THR 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/2060-1872/998-404](http://www.wago.com/2060-1872/998-404)





### Item description

- THR PCB terminal blocks with push-buttons and Push-in CAGE CLAMP® connection
- 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
- Also suitable for wave soldering

### Note:

#### Application note:

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 customer-specific variables (e.g., component configuration and orientation, type of soldering machine, solder paste), trial runs are recommended to ensure product and process compatibility under actual manufacturing conditions.

#### Recommendation for stencil:

150 µm material thickness  
The stencil hole diameter is identical to the outer diameter of the metal-plated PCB hole.

### Recommendation:

#### Recommendation for stencil:

150 µm material thickness  
The stencil hole diameter is identical to the outer diameter of the metal-plated PCB hole.

## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

Rated 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
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	6 kV
Rated current	9 A

#### Connection data

Connection technology	Push-in CAGE CLAMP®
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 ferrule with plastic collar	0.25 ... 0.34 mm <sup>2</sup>
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 0.34 mm <sup>2</sup>
Strip length	6 ... 7 mm / 0.24 ... 0.28 inch
Conductor entry angle to the PCB	0°
Total number of connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1
No. of poles	2

#### Geometrical Data

Pin spacing	8 mm / 0.314 inch
Width	11.9 mm / 0.467 inch
Height	6.9 mm / 0.272 inch
Height from the surface	4.5 mm / 0.177 inch
Depth	12.7 mm / 0.5 inch
Solder pin length	2.4 mm
Solder pin dimensions	1.2 x 0.75 mm
Reel diameter of tape-and-reel packaging	330 mm
Tape width	24 mm

#### PCB contact

PCB contact	THR
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Solder pin arrangement	over the entire terminal strip, in line
Number of solder pins per potential	2

### Material Data

Color	black
Material group	I
Insulating 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	0.618 g

### Environmental Requirements





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

Country of origin	CH
GTIN	4055143342643
Customs Tariff No.	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
	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	71-108181



### UL-Approvals




Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1977	E45171- 20111005

### Compatible products

#### tools

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

#### ferrule

	<b>Item no.: 216-131</b> Ferrule; Sleeve for 0.25 mm <sup>2</sup> / AWG 24; uninsulated; electro-tin plated	<a href="http://www.wago.com/216-131">www.wago.com/216-131</a>
	<b>Item no.: 216-132</b> 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>
	<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>
	<b>Item no.: 216-302</b> Ferrule; Sleeve for 0.34 mm <sup>2</sup> / 22 AWG; insulated; electro-tin plated; green	<a href="http://www.wago.com/216-302">www.wago.com/216-302</a>

### Downloads

#### Documentation

##### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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### CAD/CAE-Data

#### CAD data

3D Download 2060-1872/998-404	URL	Download
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Subject to changes.

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