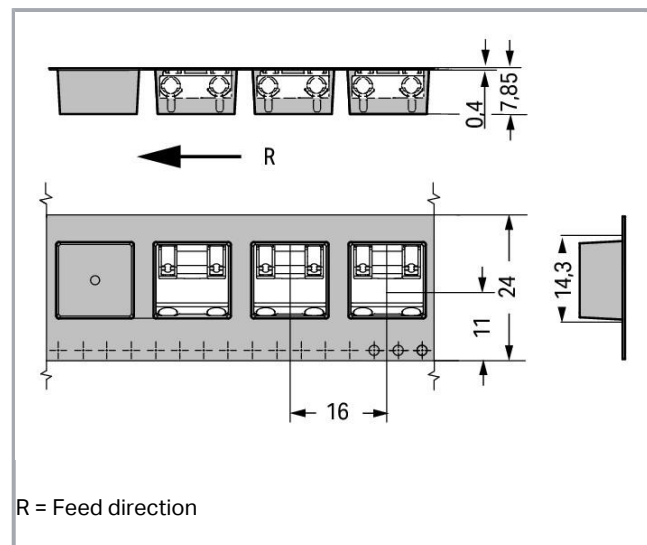
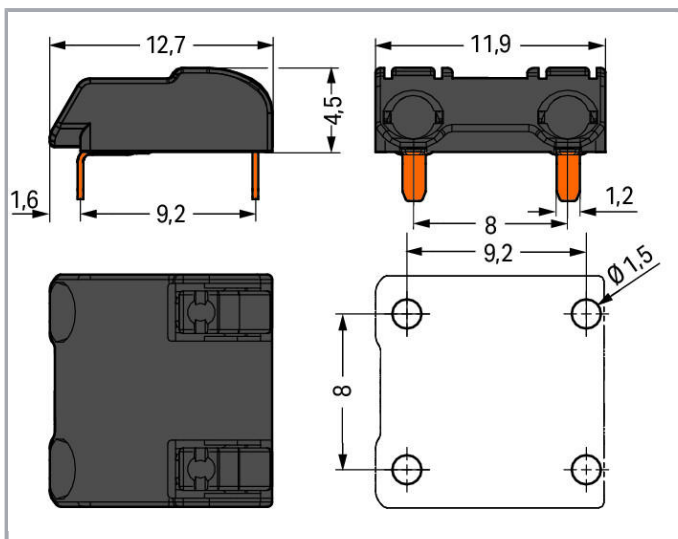
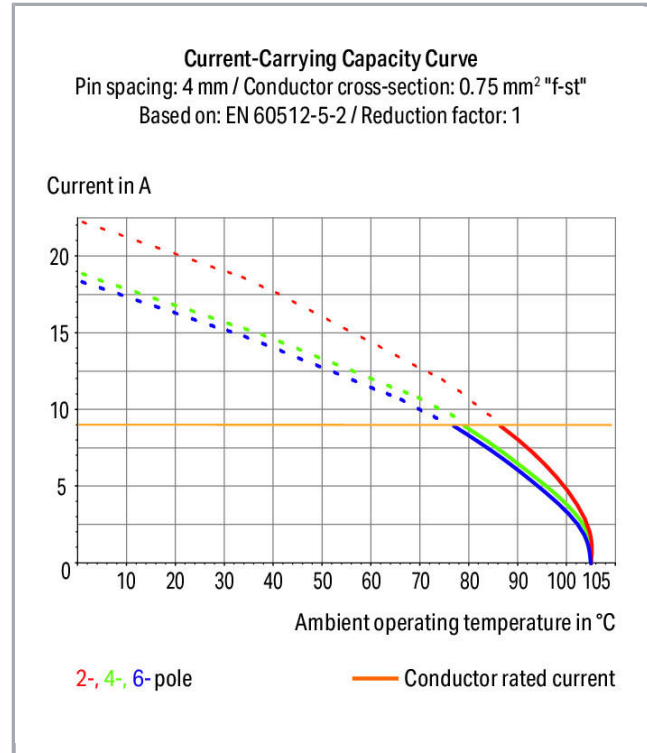


Data sheet | Item number: 2060-1872/998-404

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)



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

WAGO Kontakttechnik GmbH & Co. KG  
Hansastr. 27  
32423 Minden  
Phone: +49571 887-0 | Fax: +49571 887-169  
Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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



### 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 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:

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



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

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
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

#### Approvals per UL 1059

Approvals per	UL 1059
---------------	---------

### 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°
No. of poles	2
Total number of connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

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



## 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
Plated through-hole diameter (THR)	1,5 <sup>(+0,1)</sup> mm
Reel diameter of tape-and-reel packaging	330 mm
Tape width	24 mm

## PCB contact

PCB contact	THR
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	0.6 g

## Environmental Requirements

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

## Commercial data

Packaging type	BOX
Country of origin	CH
GTIN	4055143342643
Customs Tariff No.	85369010000






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

WAGO Kontakttechnik GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)


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

## 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	20160727- E45171

### Counterpart





### Compatible products

ferrule

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

WAGO Kontakttechnik GmbH & Co. KG  
 Hansastr. 27  
 32423 Minden  
 Phone: +49571 887-0 | Fax: +49571 887-169  
 Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

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

	<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>
<b>tools</b>		
	<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>

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
------------------------	-------------	---------------	----------

## CAD/CAE-Data

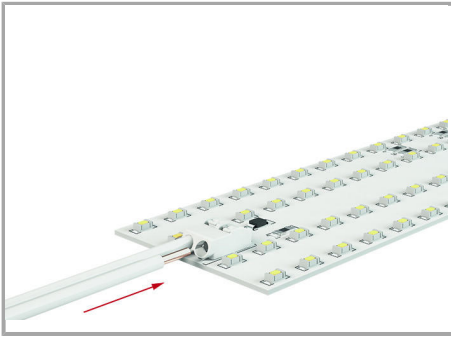
### CAD data

2D/3D Models 2060-1872/998-404	URL	Download
--------------------------------	-----	----------

## Installation Notes

### Conductor termination

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



Insert solid conductors via push-in termination.

#### Conductor termination



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

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