

Data Sheet | Item Number: 2061-1641/998-404

THR PCB terminal block; push-button; 1.5 mm²; Pin spacing 6 mm; 1-pole; Push-in
CAGE CLAMP®; in tape-and-reel packaging; 1,50 mm²; white

<https://www.wago.com/2061-1641/998-404>

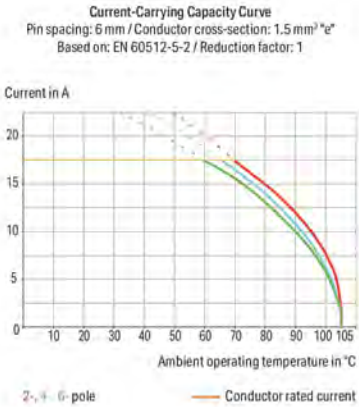
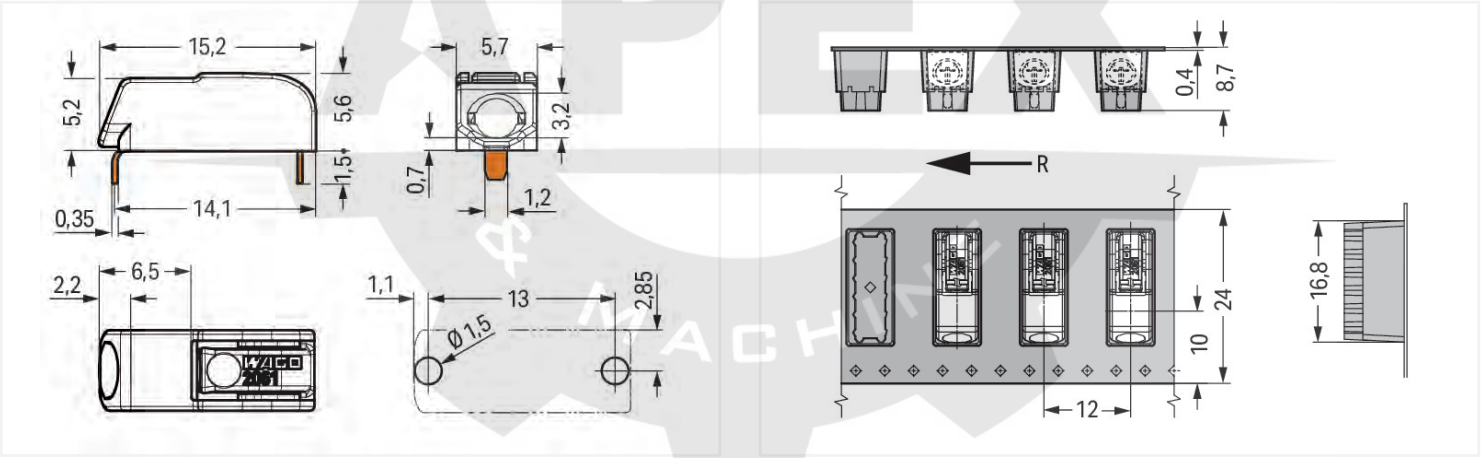
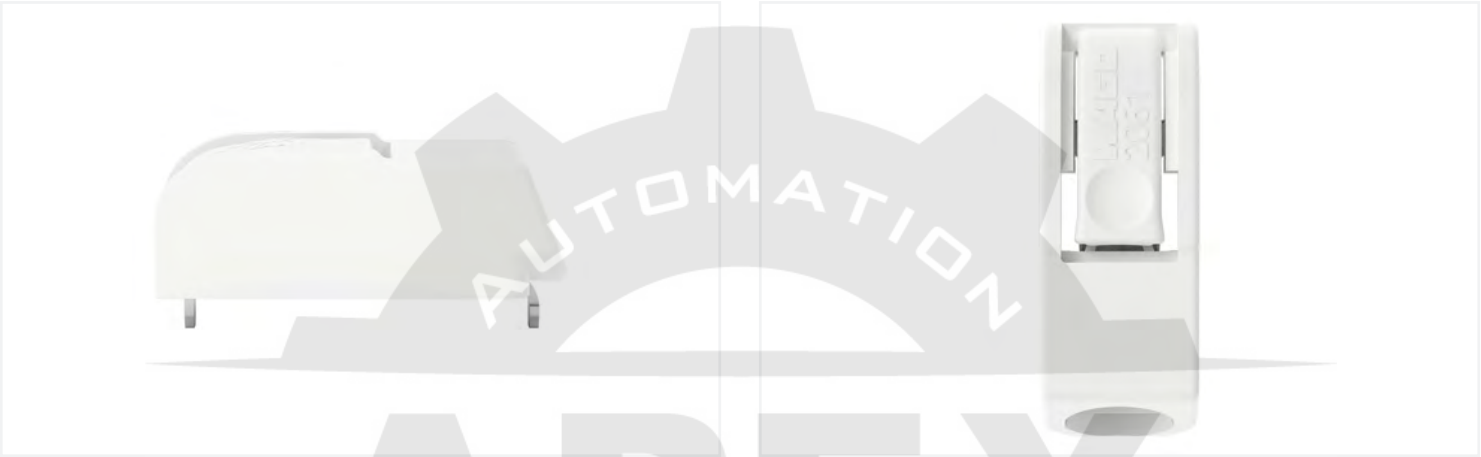


Color: white



Dimensions in mm

Dimensions in mm
R = feed direction





- THR 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 5.6 mm tall
- Available in tape-and-reel packaging for automated assembly
- Also suitable for wave soldering
- Assemble terminal blocks without pole loss

Notes	
Note	<p>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.</p> <p>Depending on reflow soldering temperatures and times, color deviations may occur. These deviations will have no impact on functionality.</p>
Recommendation	<p>Recommendation for stencil: 150 µm material thickness Stencil hole diameter identical to metal-plated PCB hole outer diameter</p>

Electrical data			
Ratings per IEC/EN		Ratings per UL 1059	
Ratings per	IEC/EN 60664-1	Approvals per	UL 1059
Nominal voltage (III/3)	250 V	Rated voltage UL (Use Group B)	600 V
Rated impulse voltage (III/3)	4 kV	Rated current UL (Use Group B)	10 A
Rated voltage (III/2)	320 V	Rated voltage UL (Use Group D)	600 V
Rated impulse voltage (III/2)	4 kV	Rated current UL (Use Group D)	5 A
Nominal voltage (II/2)	630 V		
Rated surge voltage (II/2)	4 kV		
Rated current	17.5 A		
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2		

Connection data			
Connection points	1	Connection 1	
Total number of potentials	1	Connection technology	Push-in CAGE CLAMP®
Number of connection types	1	Actuation type	Push-button
Number of levels	1	Solid conductor	0.5 ... 1.5 mm² / 20 ... 16 AWG
		Fine-stranded conductor	0.5 ... 1.5 mm² / 20 ... 16 AWG
		Fine-stranded conductor; with insulated ferrule	0.5 ... 0.75 mm²
		Fine-stranded conductor; with uninsulated ferrule	0.5 ... 0.75 mm²
		Strip length	7 ... 10 mm / 0.28 ... 0.39 inches
		Conductor connection direction to PCB	0 °
		Pole number	1

Physical data

Pin spacing	6 mm / 0.24 inches
Width	5.7 mm / 0.224 inches
Height	7.1 mm / 0.28 inches
Height from the surface	5.6 mm / 0.22 inches
Depth	15.2 mm / 0.598 inches
Solder pin length	1.5 mm
Solder pin dimensions	1.2 x 0.35 mm
Plated through-hole diameter (THR)	1.5 ^(+0.1) mm
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	THR
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	white
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	Tin
Fire load	0.014 MJ
Weight	1.1 g

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)	5760 (640) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143274722
Customs tariff number	85369010000

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947-7-4	NTR NL-7773
CCA DEKRA Certification B.V.	EN 60947-7-4	71-110254
CCA DEKRA Certification B.V.	EN 60838	NTR NL-7721
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 60838	71-106232

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2061-1641/998-404

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 1949.09 KB	↓
		pdf 535.32 KB	↓

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 2061-1641/998-404	ZUKEN Portal 2061-1641/998-404

1 Compatible Products

1.1 Optional Accessories

1.1.1 Ferrule

1.1.1.1 Ferrule



Item No.: 216-241
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



Item No.: 216-201
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white



Item No.: 216-141
Ferrule; Sleeve for 0.5 mm² / 20 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-101
Ferrule; Sleeve for 0.5 mm² / AWG 22; un-insulated; electro-tin plated; silver-colored



Item No.: 216-242
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-262
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



Item No.: 216-142
Ferrule; Sleeve for 0.75 mm² / 18 AWG; un-insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; un-insulated; electro-tin plated; silver-colored

1.1.2 Tool

1.1.2.1 Operating tool



Item No.: 206-866
Operating tool; for 2061 Series



Item No.: 2061-190
Operating tool; made of insulating material

Installation Notes

Conductor termination



Inserting solid conductors via push-in termination.

Conductor termination



Easy conductor removal, e.g., via operating tool (206-861)