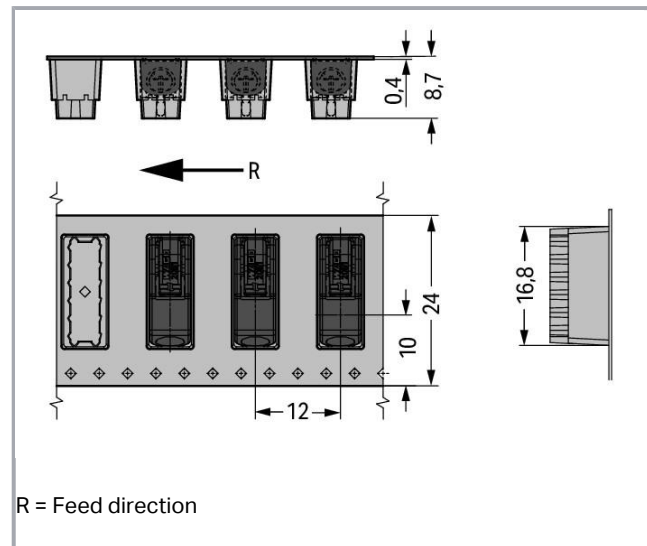
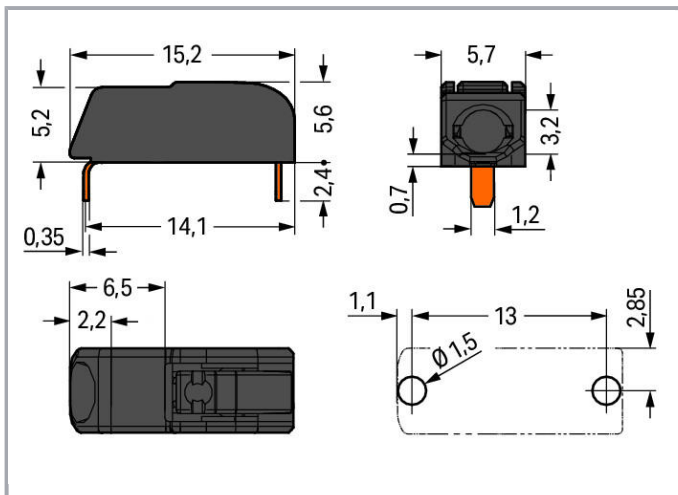
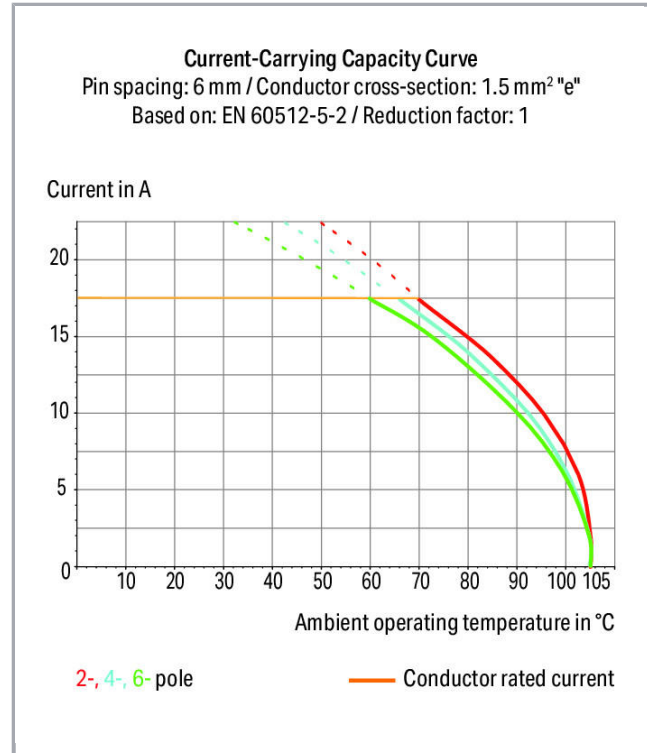
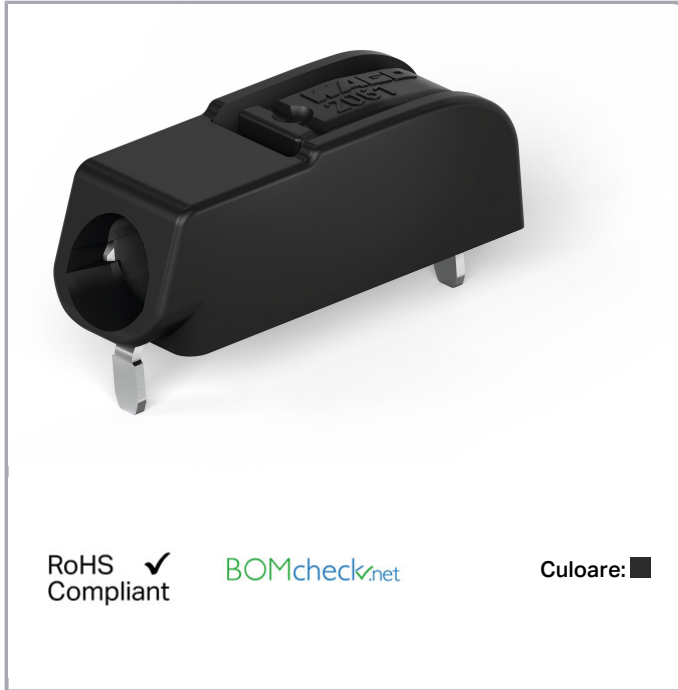


Fișă tehnică | Număr articol: 2061-1621/998-404

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; black



www.wago.com/2061-1621/998-404



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Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Descriere articol

- THR PCB terminal blocks with push-buttons and Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Push-buttons simplify insertion/removal of all conductor types
- 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

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:

Supus modificărilor.

Recommendation for stencil:

150 µm material thickness

The stencil hole diameter is identical to the outer diameter of the metal-plated PCB hole.

Date

Electrical data

Ratings per IEC/EN 60664-1

| Ratings per | IEC/EN 60664-1 |
|-----------------------------|---|
| Nominal voltage (III/3) | 250 V |
| Rated surge voltage (III/3) | 4 kV |
| Rated voltage (III/2) | 320 V |
| Rated surge voltage (III/2) | 4 kV |
| 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 |

Approvals per UL 1059

| | |
|--------------------------------|---------|
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 10 A |
| Rated voltage UL (Use Group D) | 600 V |
| Rated current UL (Use Group D) | 5 A |
| Approvals per | UL 1059 |

Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Push-button |
| Solid conductor | 0,5 ... 1,5 mm ² / 20 ... 16 AWG |
| Fine-stranded conductor | 0,5 ... 1,5 mm ² / 20 ... 16 AWG |
| Fine-stranded conductor; with insulated ferrule | 0,5 ... 0,75 mm ² |
| Fine-stranded conductor; with uninsulated ferrule | 0,5 ... 0,75 mm ² |
| Strip length | 7 ... 10 mm / 0.28 ... 0.39 inch |
| Conductor connection direction to PCB | 0° |
| Pole No. | 1 |
| Total number of connection points | 1 |

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| | |
|----------------------------|---|
| Total number of potentials | 1 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|--|--------------------------|
| Pin spacing | 6 mm / 0.24 inch |
| Width | 5,7 mm / 0.224 inch |
| Height | 8 mm / 0.315 inch |
| Height from the surface | 5,6 mm / 0.22 inch |
| Depth | 15,2 mm / 0.598 inch |
| Solder pin length | 2,4 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 |

PCB contact

| | |
|-------------------------------------|-------------------------------------|
| PCB contact | THR |
| Solder pin arrangement | within the terminal block (in-line) |
| Number of solder pins per potential | 2 |

Material Data

| | |
|-----------------------------|-----------------------------------|
| Color | black |
| 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 |
| Fire load | 0,008 MJ |
| Weight | 0,5 g |

Environmental Requirements

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

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Commercial data

| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | CN |
| GTIN | 4055143274739 |
| Customs tariff number | 85369010000 |

Aprobări / certificate

Country specific Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|---|------------------------------|-----------------|
|  | CCA DEKRA Certification B.V. | EN 60947-7-4 | NTR NL-7459 |
|  | CCA DEKRA Certification B.V. | EN 60838 | NTR NL-7721 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 60947-7-4 | 71-100855 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 60838 | 71-106232 |
| UL-Approvals | | | |
| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|  | cURus Underwriters Laboratories Inc. | UL 1059 | E45172 |









Counterpart

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Aveți întrebări despre produsele noastre?
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Produse compatibile

| ferrule | | |
|--|---|--|
|  | Nr. articol: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated | www.wago.com/216-101 |
|  | Nr. articol: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated | www.wago.com/216-102 |
|  | Nr. articol: 216-141 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | www.wago.com/216-141 |
|  | Nr. articol: 216-142 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92 | www.wago.com/216-142 |
|  | Nr. articol: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white | www.wago.com/216-201 |
|  | Nr. articol: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray | www.wago.com/216-202 |
|  | Nr. articol: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | www.wago.com/216-241 |
|  | Nr. articol: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-242 |
|  | Nr. articol: 216-262 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-262 |
| tools | | |
|  | Nr. articol: 2061-189 Operating tool; made of insulating material; for 2061 Series | www.wago.com/2061-189 |
|  | Nr. articol: 206-861 Operating tool; for 2061 Series | www.wago.com/206-861 |

Descărcări

Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|------------|
| Technical explanations | Apr 3, 2019 | pdf 3,6 MB | Descărcare |
|------------------------|-------------|---------------|------------|

Supus modificărilor.



CAD/CAE-Data

CAD data

2D/3D Models 2061-1621/998-404

[URL](#)

[Descărcare](#)

PCB Design

Symbol and Footprint 2061-1621/998-404

[URL](#)

[Descărcare](#)

CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

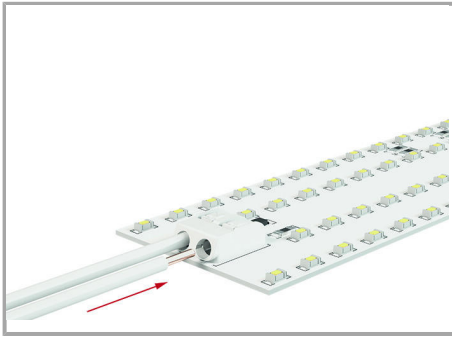
Installation Notes

Conductor termination

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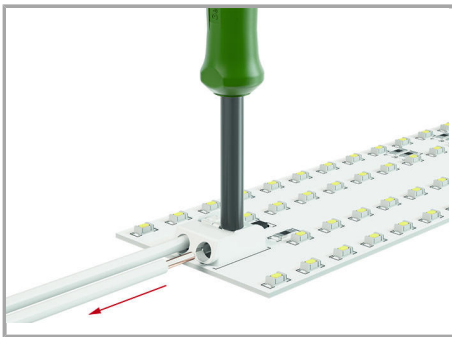
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Inserting solid conductors via push-in termination.

Conductor termination



Easy conductor removal (e.g., via 206-861 Operating Tool)

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