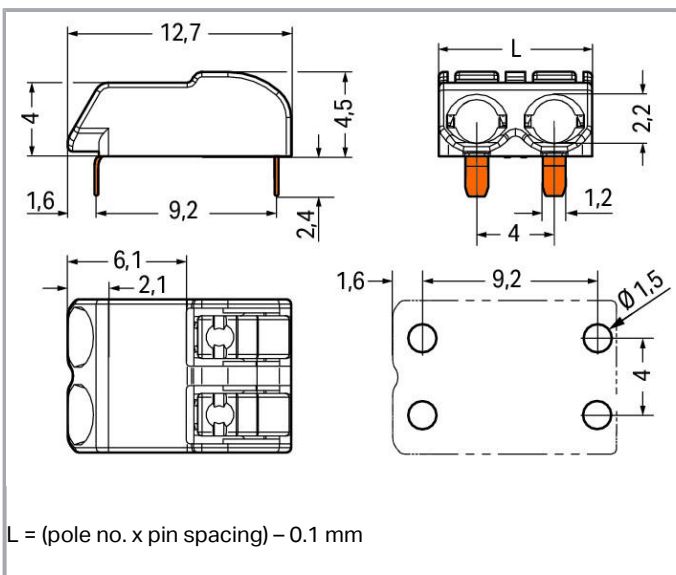
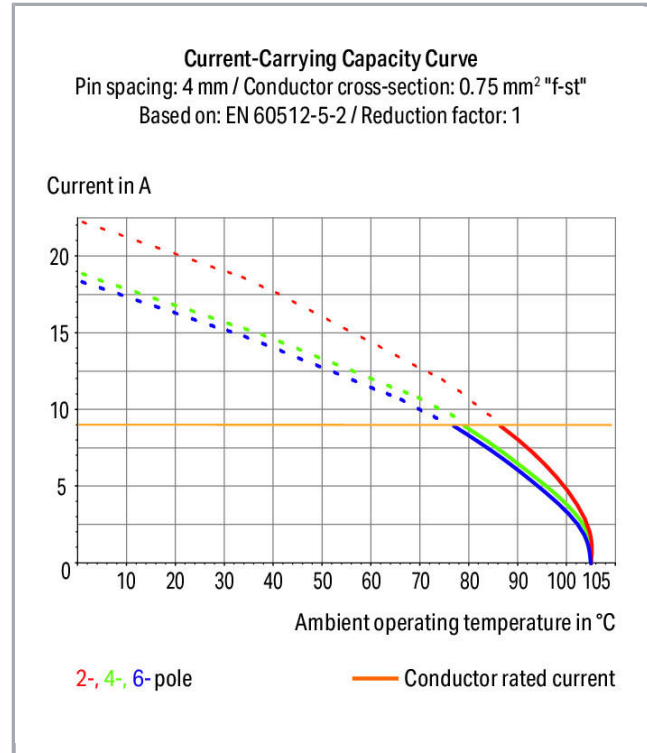


Fișă tehnică | Număr articol: 2060-1453/998-404

THR PCB terminal block; push-button; 0.75 mm²; Pin spacing 4 mm; 3-pole;
Push-in CAGE CLAMP®; in tape-and-reel packaging; 0,75 mm²; white



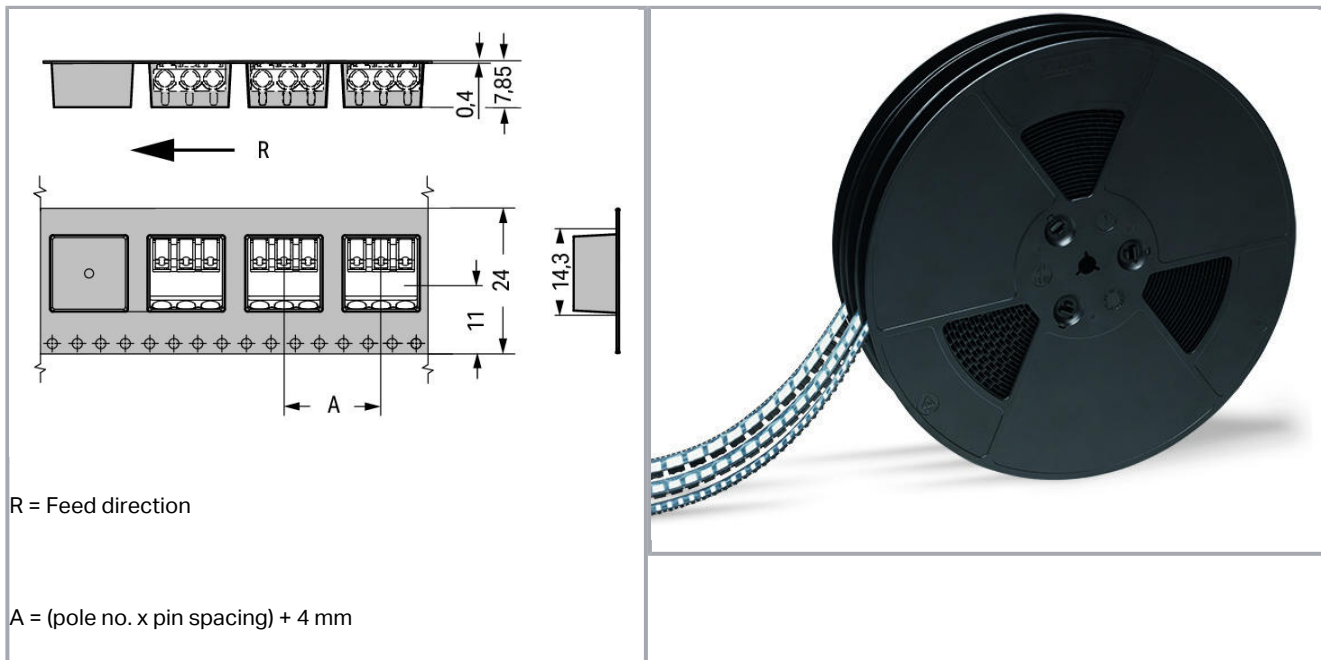
www.wago.com/2060-1453/998-404



Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
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
- 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.

Supus modificărilor.

**Recommendation:**

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) | 63 V |
| Rated surge voltage (III/3) | 2,5 kV |
| Rated voltage (III/2) | 160 V |
| Rated surge voltage (III/2) | 2,5 kV |
| Nominal voltage (II/2) | 320 V |
| Rated surge voltage (II/2) | 2,5 kV |
| Rated current | 9 A |
| Legend (ratings) | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |

Approvals per UL 1059

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

Approvals per UL 1977

| | |
|-----------------------|-------|
| Rated voltage UL 1977 | 320 V |
| Rated current UL 1977 | 9 A |

Connection data

| | |
|---|--|
| 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 |
| Strip length | 6 ... 7 mm / 0.24 ... 0.28 inch |

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
 /Representative Office Romania
 Sos. Pipera-Tunari nr. 1/1
 building 1, 2nd floor | 077190 Voluntari, Ilfov
 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.



| | |
|---------------------------------------|----|
| Conductor connection direction to PCB | 0° |
| Pole No. | 3 |
| Total number of connection points | 3 |
| Total number of potentials | 3 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|--|--------------------------|
| Pin spacing | 4 mm / 0.157 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 ^(+0.1) 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 | white |
| 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 |
| Weight | 0,8 g |

Environmental Requirements

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

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
 /Representative Office Romania
 Sos. Pipera-Tunari nr. 1/1
 building 1, 2nd floor | 077190 Voluntari, Ilfov
 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.

Commercial data


| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | CH |
| GTIN | 4055143331180 |
| Customs tariff number | 85369010000 |

Aprobări / certificate

Country specific Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|---------------------------------------|------------------------------|-----------------|
|  | 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

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|--|---|------------------------------|-----------------|
|  | cURus Underwriters Laboratories Inc. | UL 1977 | 20160727-E45171 |

Counterpart

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
Sos. Pipera-Tunari nr. 1/1
building 1, 2nd floor | 077190 Voluntari, Ilfov
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.

Produse compatibile

tools

| | | |
|--|--|--|
|  | Nr. articol: 2060-189 Operating tool; made of insulating material; for 2060 Series | www.wago.com/2060-189 |
|  | Nr. articol: 206-860 Operating tool; for 2060 Series | www.wago.com/206-860 |

ferrule

| | | |
|---|---|--|
|  | Nr. articol: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated | www.wago.com/216-131 |
|  | Nr. articol: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated | www.wago.com/216-132 |
| | Nr. articol: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow | www.wago.com/216-301 |
|  | Nr. articol: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green | www.wago.com/216-302 |

Descărcări

Documentation

Additional Information

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

CAD/CAE-Data

CAD data

| | | |
|--------------------------------|-----|------------|
| 2D/3D Models 2060-1453/998-404 | URL | Descărcare |
|--------------------------------|-----|------------|

Installation Notes

Conductor termination

Supus modificărilor.



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).

Supus modificărilor.