

Data sheet | Item number: 218-102/000-604

THR PCB terminal block; Locking slides; 0.5 mm²; Pin spacing 2.5 mm; 2-pole; CAGE CLAMP®



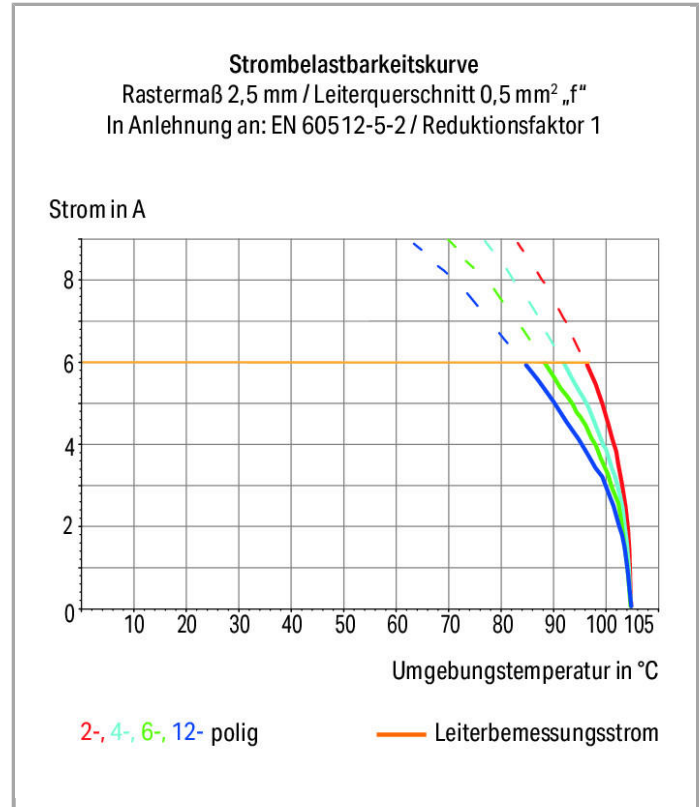
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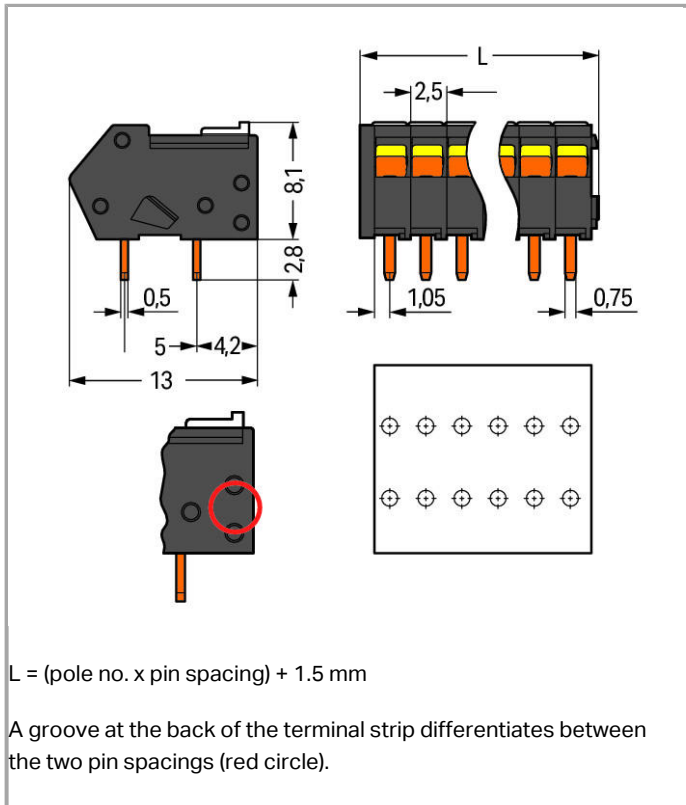


RoHS Compliant

BOMcheck.net

Color:





Item description

- Terminal strips are just 8.1mm high and feature an innovative, locking slide-actuated CAGE CLAMP®
- Several clamping units can be held open simultaneously
- Easy termination of stranded conductors in tight spaces (e.g., bus connectors)

Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>: Direct marking, Other pole numbers

Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|---|
| Rated voltage (III / 3) | 32 V |
| Rated impulse voltage (III / 3) | 2.5 kV |
| Rated voltage (III / 2) | 160 V |
| Rated impulse voltage (III / 2) | 2.5 kV |
| Rated voltage (II / 2) | 320 V |
| Rated impulse voltage (II / 2) | 2.5 kV |
| Rated current | 6 A |
| Legend (ratings) | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |

Connection data

| | |
|---|--|
| Connection technology | CAGE CLAMP® |
| Actuation type | Confirmation slide switch |
| Solid conductor | 0.08 ... 0.5 mm ² / 28 ... 20 AWG |
| Fine-stranded conductor | 0.08 ... 0.5 mm ² / 28 ... 20 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0.25 mm ² |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 mm ² |
| Strip length | 5 ... 6 mm / 0.2 ... 0.24 Inch |
| Conductor entry angle to the PCB | 40° |
| No. of poles | 2 |
| Total number of connection points | 2 |
| Total number of potentials | 2 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|------------------------------------|----------------------|
| Pin spacing | 2.5 mm (0.098 inch) |
| Width | 6.5 mm / 0.256 inch |
| Height | 10.9 mm / 0.429 inch |
| Height from the surface | 8.1 mm / 0.319 inch |
| Depth | 13 mm / 0.512 inch |
| Solder pin length | 2.8 mm |
| Solder pin dimensions | 0.5 x 0.75 mm |
| Plated through-hole diameter (THR) | 1.1 (+0.1) 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 | III a |
| Insulating material | Polyamide 46 (PA 46) |
| Flammability class per UL94 | V2 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (Ecu) |
| Contact plating | tin-plated |
| Fire load | 0.011 MJ |

| | |
|--------|---------|
| Weight | 0.724 g |
|--------|---------|

Environmental Requirements

| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +115 °C |
|-------------------------|-----------------|

Commercial data

| | |
|--------------------|---------------------|
| Country of origin | PL |
| GTIN | 4045454038601 |
| Customs Tariff No. | 85369010000 |
| Product Group | 4 (Printed Circuit) |





Approvals / Certificates

Country specific Approvals



| Logo | Approval | Certificate name |
|--|---------------------------------|------------------|
|  | CSA DEKRA Certification B.V. | 1565656 |

Compatible products


ferrule

| | | |
|--|--|--|
|  | Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated | www.wago.com/216-131 |
|  | Item no.: 216-151 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated | www.wago.com/216-151 |
|  | Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated | www.wago.com/216-301 |
|  | Item no.: 216-321 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated | www.wago.com/216-321 |

tools

| | | |
|--|---|--|
|  | Item no.: 210-647 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short | www.wago.com/210-647 |
|  | Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm | www.wago.com/210-719 |

Marking accessories

| | | |
|--|---|--|
|  | Item no.: 210-331/250-202 Marking strips; as a DIN A4 sheet; MARKED; 1-16 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive | www.wago.com/210-331/250-202 |
|--|---|--|



Item no.: 210-331/250-204

Marking strips; as a DIN A4 sheet; MARKED; 17-32 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive

www.wago.com/210-331/250-204



Item no.: 210-331/250-206

Marking strips; as a DIN A4 sheet; MARKED; 33-48 (400x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive

www.wago.com/210-331/250-206



Item no.: 210-331/250-207

Marking strips; as a DIN A4 sheet; MARKED; 1-48 (100x); Height of marker strip: 2.3 mm/0.091 in; Strip length 182 mm; Horizontal marking; Self-adhesive

www.wago.com/210-331/250-207

Downloads

smartDATA

PCB libraries

| | | | |
|---|----------------------|----------------|----------|
| EAGLE Library for WAGO PCB Terminal Blocks Compatible with EAGLE PCB Design Software Version 6.x or higher | 2.1 Nov 17, 2017 | ZIP 23.9 MB | Download |
| DesignSpark Library for WAGO PCB Terminal Blocks Compatible with DesignSpark PCB Version 4.x or higher | 2.1 Oct 6, 2014 | ZIP 22.5 MB | Download |
| TARGET Library for WAGO PCB Terminal Blocks Compatible with TARGET PCB Design Software Version 17.x | 1.1.0 Oct 6, 2014 | ZIP 27.1 MB | Download |

CAD data

| | | |
|-----------------------------|-----|----------|
| 3D Download 218-102/000-604 | URL | Download |
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Subject to changes.