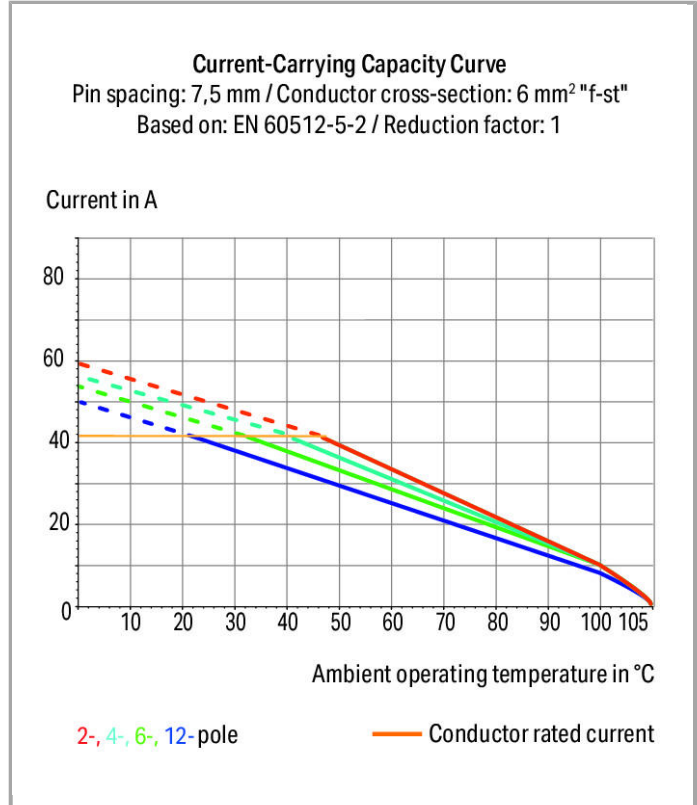


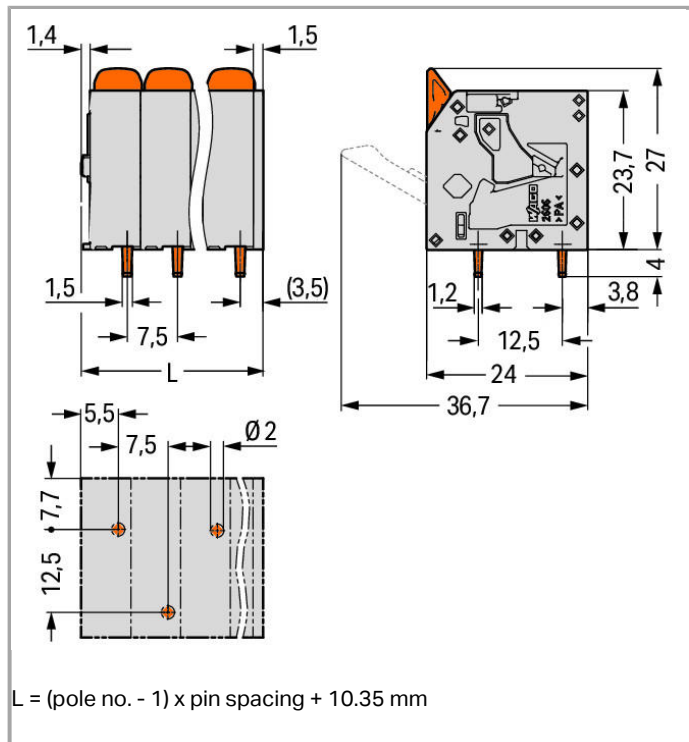
Data sheet | Item number: 2606-3109/020-000

PCB terminal block; lever; 6 mm²; Pin spacing 7.5 mm; 9-pole; Push-in CAGE CLAMP®



www.wago.com/2606-3109/020-000





Item description

- PCB terminal blocks with lever-actuated Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Intuitive and tool-free operation
- Several clamping units can be held open simultaneously – convenient for terminating multi-core cables
- Testing can be performed both parallel and perpendicular to conductor entry

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) | 800 V |
| Rated impulse voltage (III / 3) | 8 kV |
| Rated voltage (III / 2) | 1000 V |
| Rated impulse voltage (III / 2) | 8 kV |
| Rated voltage (II / 2) | 1000 V |
| Rated impulse voltage (II / 2) | 8 kV |
| Rated current | 41 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) | 31 A |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 31 A |

Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Lever |
| Solid conductor | 0.2 ... 10 mm ² / 24 ... 8 AWG |
| Fine-stranded conductor | 0.2 ... 10 mm ² / 24 ... 8 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0.25 ... 6 mm ² |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 6 mm ² |
| Fine-stranded conductor, with twin ferrule | 0.25 ... 2.5 mm ² |
| Strip length | 11 ... 13 mm / 0.43 ... 0.51 Inch |
| Conductor entry angle to the PCB | 90° |
| No. of poles | 9 |
| Number of levels | 1 |
| Total number of connection points | 9 |
| Total number of potentials | 9 |
| Number of connection types | 1 |

Geometrical Data

| | |
|-----------------------------------|------------------------|
| Pin spacing | 7.5 mm (0.295 inch) |
| Width | 70.35 mm / 2.77 inch |
| Height | 31 mm / 1.22 inch |
| Height from the surface | 27 mm / 1.063 inch |
| Depth | 24 mm / 0.945 inch |
| Solder pin length | 4 mm |
| Solder pin dimensions | 1.5 x 1.2 mm |
| Drilled hole diameter (tolerance) | 2 ^(+0.1) mm |

PCB contact

| | |
|-------------------------------------|---|
| PCB contact | THT |
| Solder pin arrangement | over the entire terminal strip, staggered |
| Number of solder pins per potential | 1 |

Material Data

| | |
|-------|------|
| Color | gray |
|-------|------|

| | |
|-----------------------------|-----------------------------------|
| Material group | I |
| Insulating material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (Ecu) |
| Contact plating | tin-plated |
| Actuating element color | orange |
| Weight | 37.631 g |

Environmental Requirements

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

Commercial data

| | |
|-------------------|---------------|
| Country of origin | DE |
| GTIN | 4055143586696 |

Approvals / Certificates

Country specific Approvals




| Logo | Approval | Certificate name |
|--|---------------------------------|------------------|
|  | CSA DEKRA Certification B.V. | 70146882 |

UL-Approvals




| Logo | Approval | Certificate name |
|--|---|------------------|
|  | cURus Underwriters Laboratories Inc. | E45172 Sec. 72 |

Compatible products

ferrule

| | | |
|--|---|--|
|  | Item no.: 216-108 Ferrule; Sleeve for 6 mm ² / AWG 10; uninsulated; electro-tin plated | www.wago.com/216-108 |
|  | Item no.: 216-208 Ferrule; Sleeve for 6 mm ² / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-208 |
|  | Item no.: 216-263 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-263 |
| | Item no.: 216-264 | |



| | | |
|--|---|--|
|  | Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-264 |
|  | Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-266 |
|  | Item no.: 216-267 Ferrule; Sleeve for 4 mm ² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 | www.wago.com/216-267 |

Downloads

CAD files

PCB libraries

| | | | |
|---|----------------------|----------------|----------|
| 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 |
| 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 |

CAD data

| | | |
|-------------------------------|-----|----------|
| 3D Download 2606-3109/020-000 | URL | Download |
|-------------------------------|-----|----------|

Subject to changes.

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Do you have any questions about our products?
 We are always happy to take your call at {0}.