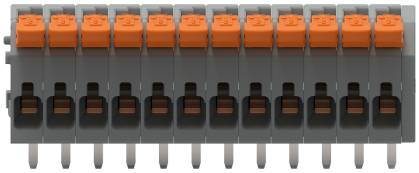
# Data Sheet | Item Number: 2601-1112

PCB terminal block; lever; 1.5 mm²; Pin spacing 3.5 mm; 12-pole; Push-in CAGE CLAMP®; 1,50 mm²; gray

https://www.wago.com/2601-1112

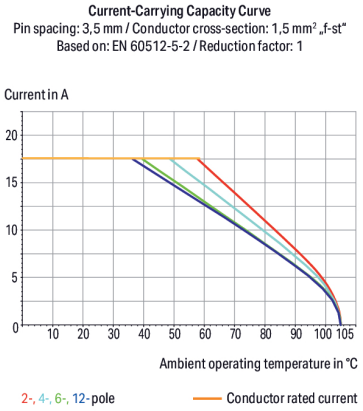


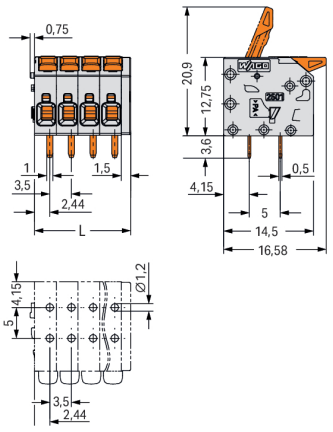


Color: gray






Dimensions in mm
L = (pole no. – 1) x pin spacing + 5 mm

PCB terminal block, 2601 Series, with 3.5 mm pin spacing

Connect conductors quickly and safely with this PCB terminal block (item number 2601-1112). It is ideal for custom installations with different mounting types. Ensure that the strip lengths are between 8 and 9 mm when connecting conductors to this PCB terminal block. This product incorporates one conductor terminal and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® technology provides a universal connection solution for all conductor types. It allows both solid and

fine-stranded conductors with ferrules to be inserted directly into the clamping point without the need for tools. The item's dimensions are (43.5 x 16.35 x 16.58) mm (width x height x depth). Depending on the conductor type, this PCB terminal block is ideal for conductor cross sections ranging from 0.14 mm² to 1.5 mm².

Tin is used for coating the contact surfaces. This PCB terminal block is operated with a lever. THT is used to assemble the PCB terminal block. The conductor is designed to be inserted into the board at a 0° angle..

## Notes

| | |
|---|---|
| General safety information | **NOTICE: Observe installation and safety instructions!**<br><br>**To be sold only with installation instructions!** |
| Variants: | Other pole numbers<br>Direct marking<br>Other colors<br>Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/. |

## Electrical data

| Ratings per | IEC/EN 60947-7-4 | | |
|---|---|---|---|
| Overvoltage category | III | III | II |
| Pollution degree | 3 | 2 | 2 |
| Nominal voltage | 200 V | 500 V | 500 V |
| Rated impulse withstand voltage | 2.5 kV | 2.5 kV | 2.5 kV |
| Rated current | 17.5 A | 17.5 A | 17.5 A |

| Approvals per | UL 1059 | | |
|---|---|---|---|
| Use group | B | C | D |
| Rated voltage | 300 V | - | 300 V |
| Rated current | 15 A | - | 10 A |

| Approvals per | CSA | | |
|---|---|---|---|
| Use group | B | C | D |
| Rated voltage | 300 V | - | 300 V |
| Rated current | 10 A | - | 10 A |

## Connection Data

| | |
|---|---|
| Clamping units | 12 |
| Total number of potentials | 12 |
| Number of connection types | 1 |
| Number of levels | 1 |

### Connection 1

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Lever |
| Solid conductor | 0.14 … 1.5 mm² / 26 … 14 AWG |
| Solid conductor; push-in termination | 0.5 … 1.5 mm² / 22 … 14 AWG |
| Fine-stranded conductor | 0.14 … 1.5 mm² / 26 … 14 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 … 0.75 mm² |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 … 1.5 mm² |
| Note (conductor cross-section) | For conductors (26 AWG) that are not rigid enough, the clamping unit must be opened using a lever. |
| Strip length | 8 … 9 mm / 0.31 … 0.35 inches |
| Conductor connection direction to PCB | 0 ° |
| Pole number | 12 |


Continued on next page

## Physical data

| | |
|---|---|
| Pin spacing | 3.5 mm / 0.138 inches |
| Width | 43.5 mm / 1.713 inches |
| Height | 16.35 mm / 0.644 inches |
| Height from the surface | 12.75 mm / 0.502 inches |
| Depth | 16.58 mm / 0.653 inches |
| Solder pin length | 3.6 mm |
| Solder pin dimensions | 1 x 0.5 mm |
| Drilled hole diameter | 1.2 $^{(+0.1)}$ mm |

## PCB contact

| | |
|---|---|
| PCB contact | THT |
| 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 | gray |
| Material group | I |
| Insulation material (main housing) | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome-nickel spring steel (CrNi) |
| Contact material | Electrolytic copper ($E_{Cu}$) |
| Contact Plating | Tin |
| Fire load | 0.137 MJ |
| Actuator color | orange |
| Weight | 9.2 g |

## Environmental requirements

| | |
|---|---|
| Limit temperature range | -60 … +105 °C |
| Processing temperature | -35 … +60 °C |
| Continuous operating temperature | -60 … +105 °C |

## Commercial data

| | |
|---|---|
| PU (SPU) | 40 pcs |
| Packaging type | Box |
| Country of origin | PL |
| GTIN | 4066966242027 |
| Customs tariff number | 85369010000 |

## Product Classification

| | |
|---|---|
| UNSPSC | 39121409 |
| ETIM 9.0 | EC002643 |
| ETIM 10.0 | EC002643 |
| ECCN | NO US CLASSIFICATION |


Continued on next page

## Environmental Product Compliance

| | |
|---|---|
| RoHS Compliance Status | Compliant,No Exemption |

## Approvals / Certificates

### General approvals

| Approval | Standard | Certificate Name |
|---|---|---|
| CB<br>DEKRA Certification B.V. | IEC 60947-7-4 | NL-86025 |
| CSA<br>CSA Group | C22.2 | 80120532 |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 60947-7-4 | 71-127124 |
| UL<br>Underwriters Laboratories Inc. | UL 1059 | E45172 |

## Downloads

### Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 2601-1112

## Documentation

**Safety Data Sheet**

| | | |
|---|---|---|
| Handling and Safety Instructions of PCB Terminal Blocks with Push-In Cage Clamp | pdf<br>393.90 KB | |

**Additional Information**

| | | |
|---|---|---|
| Technical Section | 03.04.2019 | pdf<br>2027.26 KB |

## CAD/CAE-Data

**CAD data**

2D/3D Models 2601-1112

**PCB Design**

Symbol and Footprint via SamacSys 2601-1112

Symbol and Footprint via Ultra Librarian 2601-1112