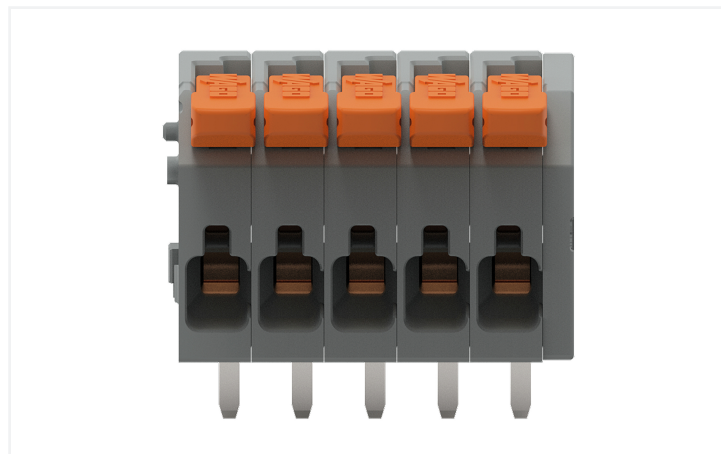


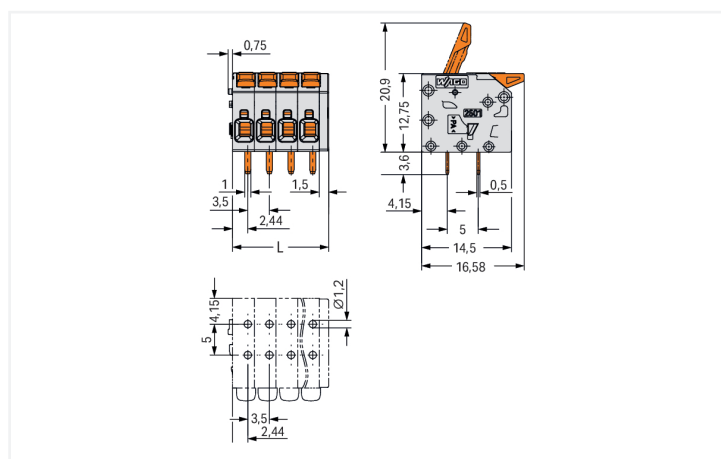
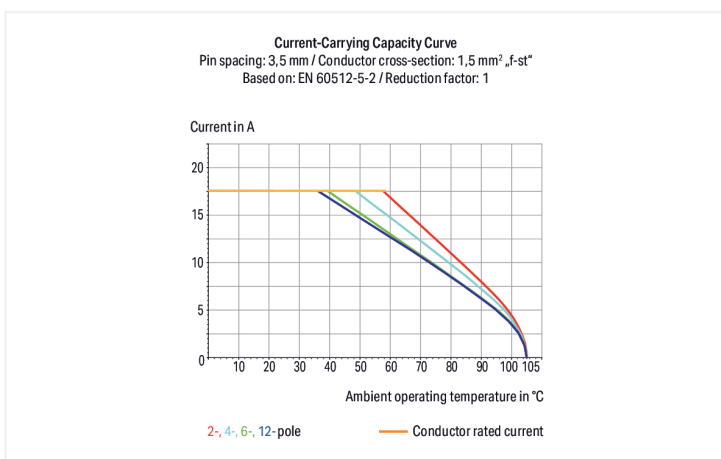
Data Sheet | Item Number: 2601-1105

PCB terminal block; lever; 1.5 mm²; Pin spacing 3.5 mm; 5-pole; Push-in CAGE CLAMP®; 1,50 mm²; gray

<https://www.wago.com/2601-1105>



Color: ■ gray



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

This PCB terminal block (item number 2601-1105) is designed for easy and secure connections. It is a universal connector that can be used almost anywhere, for example, as a pluggable PCB connector, panel feedthrough header, connector for rail-mount terminal blocks, or a floating connector for different mounting methods. Strip lengths must be between 8 and 9 mm when connecting conductors to this PCB terminal block. Featuring one conduc-

tor terminal along with Push-in CAGE CLAMP®, this product outperforms the competition. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Solid and fine-stranded conductors with ferrules can be plugged in without the need for tools—all thanks to its plug-gable design. Dimensions: (19 x 16.35 x 16.58) mm (width x height x depth). Depending on the type of conductor, this PCB terminal block is designed for conductor cross sections ranging from 0.14 mm² to 1.5 mm².

The contact surface is coated with tin. A lever is used to operate this PCB terminal block. THT is used to solder the PCB terminal block. The conductor is designed to be inserted into the board at an angle of 0°.

| Notes | |
|-----------|--|
| Variants: | Other pole numbers Direct marking Other colors 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 | | | Approvals per | UL 1059 | | |
|---------------------------------|------------------|--------|--------|---------------|---------|---|-------|
| Overvoltage category | III | III | II | Use group | B | C | D |
| Pollution degree | 3 | 2 | 2 | Rated voltage | 300 V | - | 300 V |
| Nominal voltage | 200 V | 500 V | 500 V | Rated current | 15 A | - | 10 A |
| 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 | CSA | | |
|---------------|-------|---|-------|
| Use group | B | C | D |
| Rated voltage | 300 V | - | 300 V |
| Rated current | 10 A | - | 10 A |

Connection Data

| | |
|----------------------------|---|
| Clamping units | 5 |
| Total number of potentials | 5 |
| 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 | 5 |

Physical data

| | |
|--------------------------------------|--------------------------|
| Pin spacing | 3.5 mm / 0.138 inches |
| Width | 19 mm / 0.748 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 with tolerance | 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 | 0.1 MJ |
| Actuator color | orange |
| Weight | 4 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 100 pcs |
| Packaging type | Box |
| Country of origin | PL |
| GTIN | 4066966241945 |
| Customs tariff number | 85369010000 |

Product Classification

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

Environmental Product Compliance

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

Approvals / Certificates

General approvals



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

Downloads

Environmental Product Compliance

Compliance Search

| | |
|--|-------------------|
| Environmental Product Compliance 2601-1105 | ↓ |
|--|-------------------|

Documentation

Additional Information

| | | | |
|-------------------|------------|-------------------|-------------------|
| Technical Section | 03.04.2019 | pdf 2027.26 KB | ↓ |
|-------------------|------------|-------------------|-------------------|

CAD/CAE-Data

CAD data

| | |
|---------------------------|-------------------|
| 2D/3D Models 2601-1105 | ↓ |
|---------------------------|-------------------|

PCB Design

| | |
|--|-------------------|
| Symbol and Footprint via SamacSys 2601-1105 | ↓ |
| Symbol and Footprint via Ultra Librarian 2601-1105 | ↓ |

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com