

## Data sheet | Item number: 2601-3104

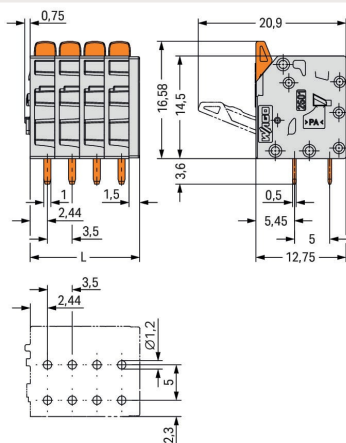
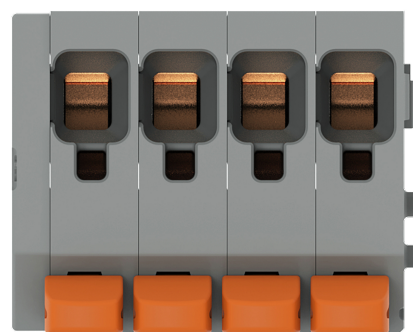
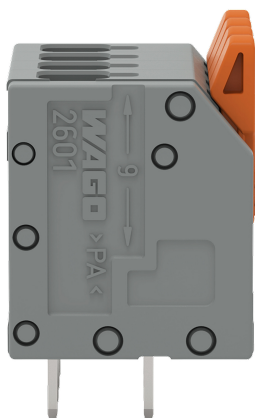
PCB terminal block; lever; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 4-pole; Push-in CAGE

CLAMP®; 1,50 mm<sup>2</sup>; gray

<https://www.wago.com/2601-3104>



Color:  gray



Dimensions in mm

L = (pole no. - 1) x pin spacing + 5 mm

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

## 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

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Ratings per                   | IEC/EN 60664-1                                                       |
| Nominal voltage (III/3)       | 160 V                                                                |
| Rated impulse voltage (III/3) | 2.5 kV                                                               |
| Rated voltage (III/2)         | 160 V                                                                |
| Rated impulse voltage (III/2) | 2.5 kV                                                               |
| Nominal voltage (II/2)        | 320 V                                                                |
| Rated surge voltage (II/2)    | 2.5 kV                                                               |
| Rated current                 | 17.5 A                                                               |
| Legend (ratings)              | (III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2 |

## Ratings per UL

|                                |         |
|--------------------------------|---------|
| Approvals per                  | UL 1059 |
| Rated voltage UL (Use Group B) | 300 V   |
| Rated current UL (Use Group B) | 10 A    |
| Rated voltage UL (Use Group D) | 300 V   |
| Rated current UL (Use Group D) | 10 A    |

## Ratings per CSA

|                                 |       |
|---------------------------------|-------|
| Approvals per                   | CSA   |
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 10 A  |
| Rated voltage CSA (Use Group D) | 300 V |
| Rated current CSA (Use Group D) | 10 A  |

## Connection data

|                            |   |
|----------------------------|---|
| Connection points          | 4 |
| Total number of potentials | 4 |
| 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 mm <sup>2</sup> / 26 ... 16 AWG                                                       |
| Solid conductor; push-in termination              | 0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG                                                        |
| Fine-stranded conductor                           | 0.2 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG                                                        |
| Fine-stranded conductor; with insulated ferrule   | 0.25 ... 0.75 mm <sup>2</sup>                                                                      |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 1.5 mm <sup>2</sup>                                                                       |
| 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             | 90 °                                                                                               |
| Pole number                                       | 4                                                                                                  |

### Physical data

|                                      |                          |
|--------------------------------------|--------------------------|
| Pin spacing                          | 3.5 mm / 0.138 inches    |
| Width                                | 15.5 mm / 0.61 inches    |
| Height                               | 20.2 mm / 0.794 inches   |
| Height from the surface              | 16.6 mm / 0.653 inches   |
| Depth                                | 12.8 mm / 0.502 inches   |
| Solder pin length                    | 3.6 mm                   |
| Solder pin dimensions                | 1 x 0.5 mm               |
| Drilled hole diameter with tolerance | 1.2 <sup>(+0.1)</sup> 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)        | <a href="#">Information on material specifications can be found here</a> |
| Color                       | gray                                                                     |
| Material group              | I                                                                        |
| Insulation material         | Polyamide (PA66)                                                         |
| Flammability class per UL94 | V0                                                                       |
| Clamping spring material    | Chrome-nickel spring steel (CrNi)                                        |
| Contact material            | Electrolytic copper (E <sub>Cu</sub> )                                   |
| Contact plating             | Tin                                                                      |
| Fire load                   | 0.047 MJ                                                                 |
| Actuator color              | orange                                                                   |
| Weight                      | 3.3 g                                                                    |

### Environmental requirements

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

### Commercial data

|                       |               |
|-----------------------|---------------|
| ETIM 8.0              | EC002643      |
| PU (SPU)              | 120 pcs       |
| Country of origin     | PL            |
| GTIN                  | 4066966243055 |
| Customs tariff number | 85369010000   |



Approvals and certificates

General approvals



| Approval         | Standard | Certificate name |
|------------------|----------|------------------|
| CSA<br>CSA Group | C22.2    | 80120532         |

Downloads

Environmental Product Compliance

Compliance Search

|                                               |  |
|-----------------------------------------------|--|
| Environmental Product<br>Compliance 2601-3104 |  |
|-----------------------------------------------|--|

Documentation

Additional Information

|                   |            |                   |  |
|-------------------|------------|-------------------|--|
| Technical Section | 03.04.2019 | pdf<br>1949.09 KB |  |
|-------------------|------------|-------------------|--|

CAD/CAE-Data

CAD data

|                           |  |
|---------------------------|--|
| 2D/3D Models<br>2601-3104 |  |
|---------------------------|--|