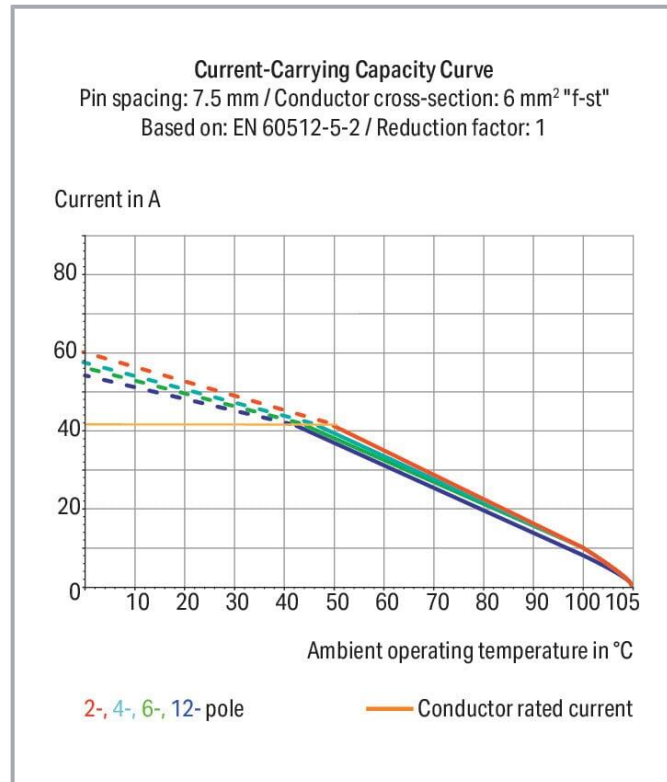
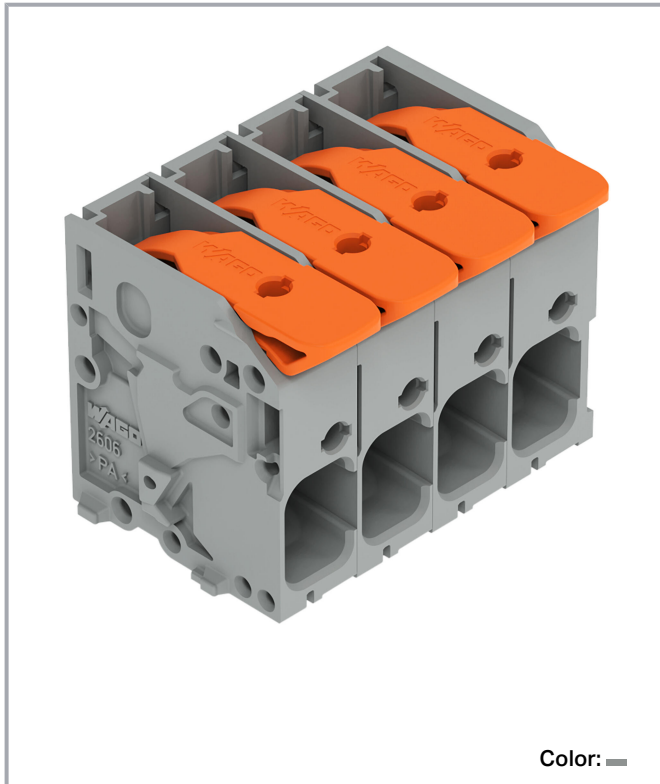


Data sheet | Item number: 2606-1104/020-000

PCB terminal block; lever; 6 mm<sup>2</sup>; Pin spacing 7.5 mm; 4-pole; Push-in CAGE

CLAMP®; 6,00 mm<sup>2</sup>; gray

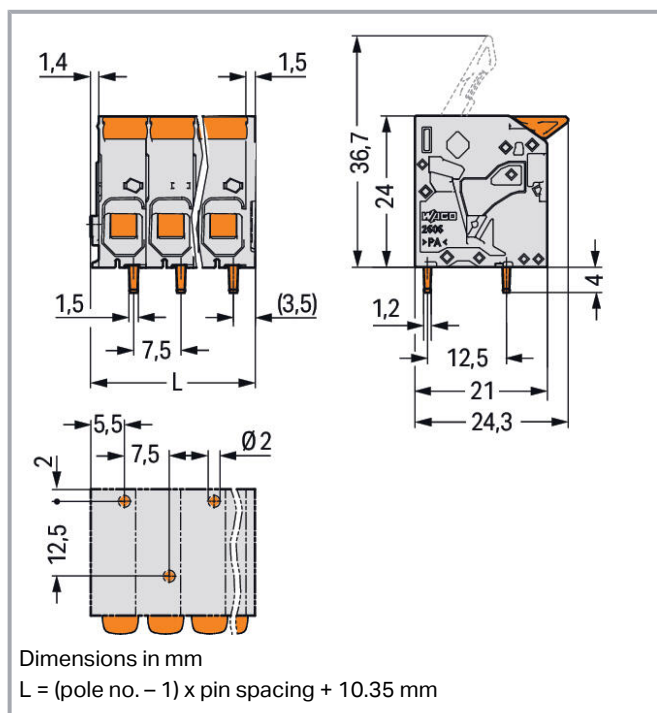
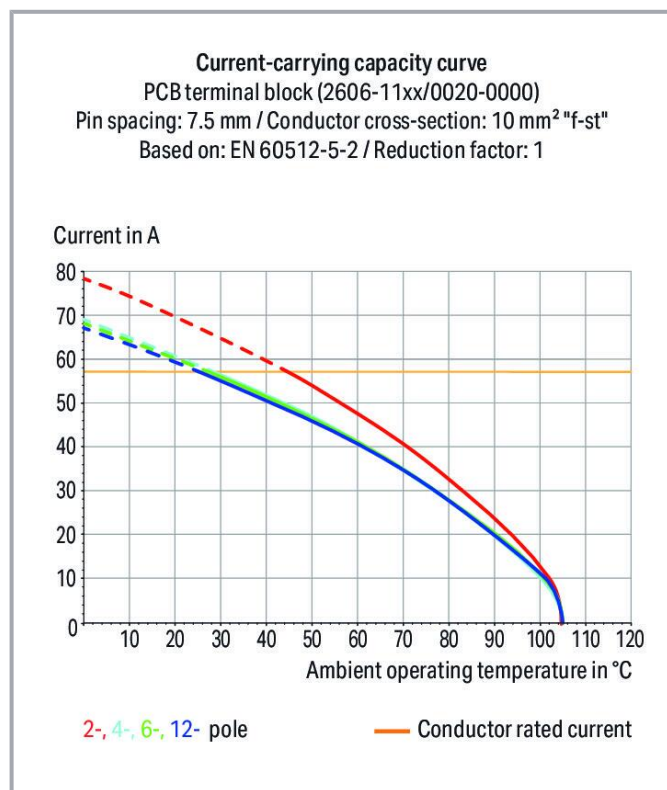
[www.wago.com/2606-1104/020-000](http://www.wago.com/2606-1104/020-000)



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

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## Item description

- 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

## Data 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

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



## Ratings per IEC/EN

| Ratings per                   | IEC/EN 60664-1                                                    |
|-------------------------------|-------------------------------------------------------------------|
| Nominal 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                                                              |
| Nominal voltage (II/2)        | 1000 V                                                            |
| Rated surge voltage (II/2)    | 8 kV                                                              |
| Rated current                 | 41 A                                                              |
| Legend (ratings)              | (III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2 |

## Ratings per UL

| 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    |

## Ratings per CSA

| Approvals per                   | CSA   |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 600 V |
| Rated current CSA (Use Group B) | 31 A  |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 31 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         | 0.2 ... 10 mm <sup>2</sup> / 24 ... 8 AWG |
| Fine-stranded conductor | 0.2 ... 10 mm <sup>2</sup> / 24 ... 8 AWG |

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



|                                                   |                                     |
|---------------------------------------------------|-------------------------------------|
| Fine-stranded conductor; with insulated ferrule   | 0.25 ... 6 mm <sup>2</sup>          |
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 6 mm <sup>2</sup>          |
| Fine-stranded conductor; with twin ferrule        | 0.25 ... 2.5 mm <sup>2</sup>        |
| Strip length                                      | 11 ... 13 mm / 0.43 ... 0.51 inches |
| Conductor connection direction to PCB             | 0 °                                 |
| Pole number                                       | 4                                   |

## Physical data

|                                      |                         |
|--------------------------------------|-------------------------|
| Pin spacing                          | 7.5 mm / 0.295 inches   |
| Width                                | 32.85 mm / 1.293 inches |
| Height                               | 28 mm / 1.102 inches    |
| Height from the surface              | 24 mm / 0.945 inches    |
| Depth                                | 24.3 mm / 0.957 inches  |
| Solder pin length                    | 4 mm                    |
| Solder pin dimensions                | 1.5 x 1.2 mm            |
| Drilled hole diameter with tolerance | 2 <sup>(+0.1)</sup> mm  |

## PCB contact

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

## Material data

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Note (material data)        | Information on material specifications can be found here |
| 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                   | 0.255 MJ                                                 |
| Actuator color              | orange                                                   |
| Weight                      | 15.6 g                                                   |

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

## Environmental requirements

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

## Commercial data

|                       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-44-04-01   |
| eCl@ss 9.0            | 27-44-04-01   |
| ETIM 8.0              | EC002643      |
| ETIM 7.0              | EC002643      |
| ECCN                  | NO DATA       |
| PU (SPU)              | 60 pcs        |
| Packaging type        | box           |
| Country of origin     | PL            |
| GTIN                  | 4055143586436 |
| Customs tariff number | 85369010000   |

## Environmental Product Compliance

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

## Approvals / Certificates

### General approvals

| Logo                                                                               | Approval                                       | Additional Approval Text | Certificate name |
|------------------------------------------------------------------------------------|------------------------------------------------|--------------------------|------------------|
|                                                                                    | <b>CB</b><br>DEKRA Certification B.V.          | IEC 60947-7-4            | NL-64739         |
|  | <b>CSA</b><br>DEKRA Certification B.V.         | C22.2                    | 70146882         |
|  | <b>cURus</b><br>Underwriters Laboratories Inc. | UL 1059                  | E45172           |
|  | <b>KEMA/KEUR</b><br>DEKRA Certification B.V.   | EN 60947-7-4             | 71-<br>113203    |

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

## Optional accessories

### Ferrule

| Ferrule                                                                         |                                                                                                                                                                                            |                                                                |
|---------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
|  | <b>Item no.: 216-108</b><br>Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; uninsulated; electro-tin plated; silver-colored                                                                | <a href="http://www.wago.com/216-108">www.wago.com/216-108</a> |
|  | <b>Item no.: 216-208</b><br>Ferrule; Sleeve for 6 mm <sup>2</sup> / AWG 10; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; yellow  | <a href="http://www.wago.com/216-208">www.wago.com/216-208</a> |
|  | <b>Item no.: 216-263</b><br>Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red     | <a href="http://www.wago.com/216-263">www.wago.com/216-263</a> |
|  | <b>Item no.: 216-266</b><br>Ferrule; Sleeve for 2.5 mm <sup>2</sup> / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue  | <a href="http://www.wago.com/216-266">www.wago.com/216-266</a> |
|  | <b>Item no.: 216-264</b><br>Ferrule; Sleeve for 1.5 mm <sup>2</sup> / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | <a href="http://www.wago.com/216-264">www.wago.com/216-264</a> |
|  | <b>Item no.: 216-267</b><br>Ferrule; Sleeve for 4 mm <sup>2</sup> / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray    | <a href="http://www.wago.com/216-267">www.wago.com/216-267</a> |

## Downloads

### Documentation

#### Additional Information

|                        |            |        |          |
|------------------------|------------|--------|----------|
| Technical Section      | 2019 Apr 3 | pdf    | Download |
| Technical explanations |            | 2.1 MB |          |

## CAD/CAE-Data

### PCB Design

|                                                                                                                                                                     |     |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|
| Symbol and Footprint via Ultra Librarian 2606-1104/020-000                                                                                                          | URL | Download |
| CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment. |     |          |

#### Supported formats:

- Accel EDA 14 & 15
- Altair
- Altium 6 to current version

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- Autodesk Fusion 360
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics
- BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design
- Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000
- Zuken eCADSTAR 2020 and 2021Zuken CR-5000 and CR-8000

#### PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

Symbol and Footprint via SamacSys 2606-1104/020-000

URL

Download

CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

- 3D (stp)
- Altium
- CADSTAR
- Capture
- CircuitStudio
- CR-5000
- CR-8000

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- DEHDL
- DesignSpark PCB
- DesignSpark PCB PRO
- DipTrace
- EAGLE
- Easy-PC
- EasyEDA
- eCADSTAR
- KiCad
- OrCAD\_Allegro16
- PADS
- Proteus
- Pulsonix
- Quadcept
- SOLIDWORKS PCB
- TARGET 3001!
- xDX Designer
- Xpedition

PCB Component Libraries (EDA), PCB CAD Library SamacSys Electronic Component Search Engine

CAD data

|                                |     |          |
|--------------------------------|-----|----------|
| 2D/3D Models 2606-1104/020-000 | URL | Download |
|--------------------------------|-----|----------|

CAE data

|                                |     |          |
|--------------------------------|-----|----------|
| ZUKEN Portal 2606-1104/020-000 | URL | Download |
|--------------------------------|-----|----------|

Asset Administration Shell

|                                              |     |          |
|----------------------------------------------|-----|----------|
| Asset Administration Shell 2606-1104/020-000 | URL | Download |
|----------------------------------------------|-----|----------|

Environmental Product Compliance

Compliance Search

|                                                    |     |          |
|----------------------------------------------------|-----|----------|
| Environmental Product Compliance 2606-1104/020-000 | URL | Download |
|----------------------------------------------------|-----|----------|

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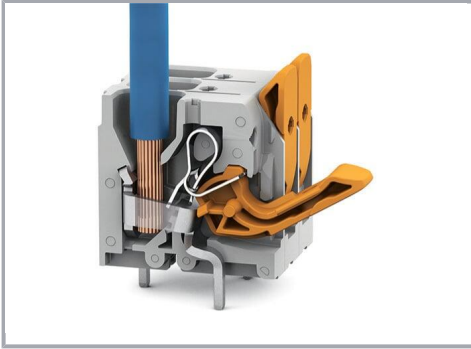
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PCB terminal block; lever; 6 mm<sup>2</sup>; Pin spacing 7.5 mm; 4-pole; Push-in CAGE CLAMP®;  
6,00 mm<sup>2</sup>; gray

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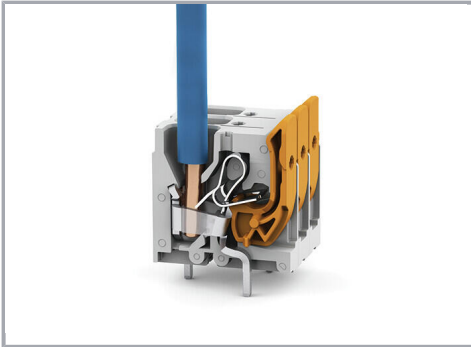
## Installation Notes

### Conductor termination



Insert fine-stranded conductors – and remove all conductors – via operating tool.

### Conductor termination



Insert solid conductors via push-in termination.

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