

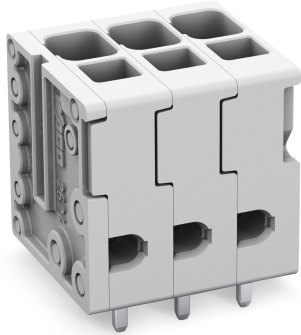
Data sheet | Item number: 2624-3103/000-006

PCB terminal block; 4 mm²; Pin spacing 5 mm; 3-pole; Push-in CAGE

CLAMP®; 4,00 mm²; blue



www.wago.com/2624-3103/000-006



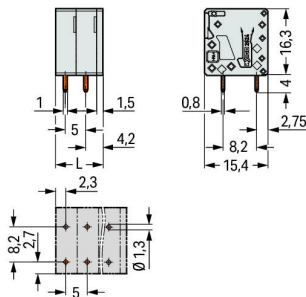
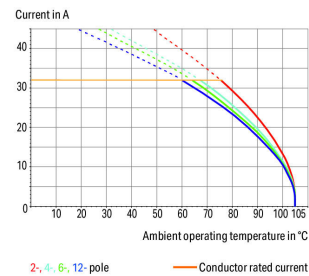
 Picture differs from the item.

RoHS  Compliant



Color: 

Current-Carrying Capacity Curve
Pin spacing: 5 mm / Conductor cross-section: 4 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 1



$$L = (\text{pole no.} - 1) \times \text{pin spacing} + 6.5 \text{ mm}$$

Item description

- PCB terminal blocks with Push-in CAGE CLAMP® connection
- Push-in termination of solid and ferruled conductors
- Ideal for panel feedthrough applications via operation parallel to conductor entry

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

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Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.



- Testing can be performed both parallel and perpendicular to conductor entry

Data

Electrical data

Ratings per IEC/EN

| | |
|-----------------------------|--|
| Ratings per | IEC/EN 60664-1 |
| Nominal voltage (III/3) | 320 V |
| Rated surge voltage (III/3) | 4 kV |
| Rated voltage (III/2) | 400 V |
| Rated surge voltage (III/2) | 4 kV |
| Nominal voltage (II/2) | 630 V |
| Rated surge voltage (II/2) | 4 kV |
| Rated current | 41 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) | 26 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) | 26 A |
| Rated voltage CSA (Use Group D) | 300 V |
| Rated current CSA (Use Group D) | 5 A |

Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool |
| Solid conductor | 0.2 ... 6 mm ² / 24 ... 10 AWG |
| Fine-stranded conductor | 0.2 ... 6 mm ² / 24 ... 10 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 ... 2.5 mm ² |

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



| | |
|---|-----------------------------------|
| Fine-stranded conductor; with uninsulated ferrule | 0.25 ... 2.5 mm ² |
| Fine-stranded conductor; with twin ferrule | 0.25 ... 1.5 mm ² |
| Strip length | 10 ... 12 mm / 0.39 ... 0.47 inch |
| Conductor connection direction to PCB | 90° |
| Total number of connection points | 3 |
| Total number of potentials | 3 |
| Number of connection types | 1 |
| Number of levels | 1 |

Physical data

| | |
|--------------------------------------|--------------------------|
| Pin spacing | 5 mm / 0.197 inch |
| Width | 16.5 mm / 0.65 inch |
| Height | 20.3 mm / 0.799 inch |
| Height from the surface | 16.3 mm / 0.642 inch |
| Depth | 15.4 mm / 0.606 inch |
| Solder pin length | 4 mm |
| Solder pin dimensions | 0.8 x 1 mm |
| Drilled hole diameter with tolerance | 1.3 ^(+0.1) mm |

Mechanical data

| | |
|---------------|-----------------------|
| Mounting type | Feed-through mounting |
|---------------|-----------------------|

PCB contact

| | |
|-------------------------------------|--|
| PCB Contact | THT |
| Solder pin arrangement | over the entire terminal strip (in-line) |
| Number of solder pins per potential | 2 |

Material data

| | |
|-----------------------------|--|
| Color | blue |
| 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 _{Cu}) |
| Contact plating | tin-plated |
| Weight | 5.1 g |

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



Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4055143842556 |
| Customs tariff number | 85369010000 |

Downloads

Documentation

Additional Information

| | | | |
|------------------------|------------|---------------|----------|
| Technical explanations | 3. 4. 2019 | pdf 2.0 MB | Download |
|------------------------|------------|---------------|----------|

CAD/CAE-Data

PCB Design

| | | |
|--|-----|----------|
| Symbol and Footprint 2624-3103/000-006 | 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
- Altium 6 to current version
- 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

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- 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

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

CAD data

| | | |
|--------------------------------|---------------------|--------------------------|
| 2D/3D Models 2624-3103/000-006 | URL | Download |
|--------------------------------|---------------------|--------------------------|

CAE data

| | | |
|--------------------------------|---------------------|--------------------------|
| ZUKEN Portal 2624-3103/000-006 | URL | Download |
|--------------------------------|---------------------|--------------------------|

Environmental Product Compliance

Compliance Search

| | | |
|--|---------------------|--------------------------|
| Environmental Product Compliance 2624-3103/000-006 | URL | Download |
|--|---------------------|--------------------------|

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Installation Notes

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