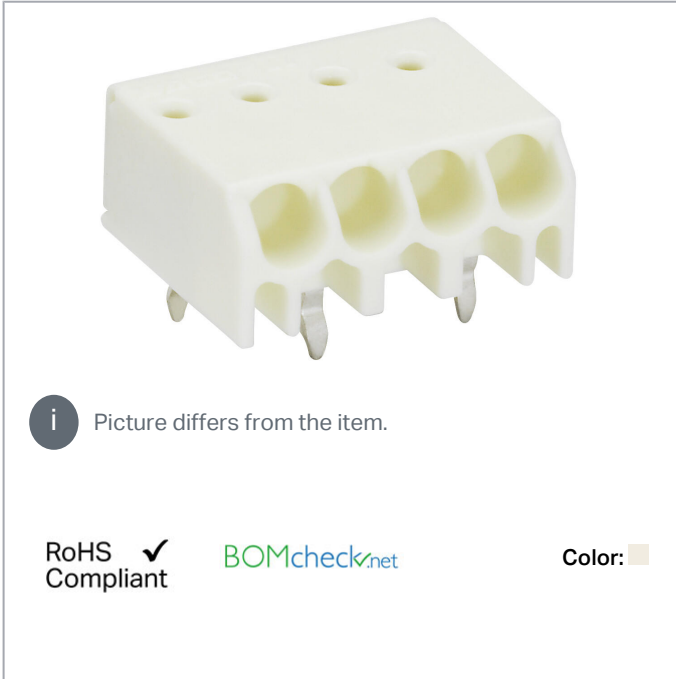


Data sheet | Item number: 744-303

PCB terminal block; 1.5 mm²; Pin spacing 3.5 mm; 3-pole; PUSH WIRE®; 1,50 mm²; white



www.wago.com/744-303

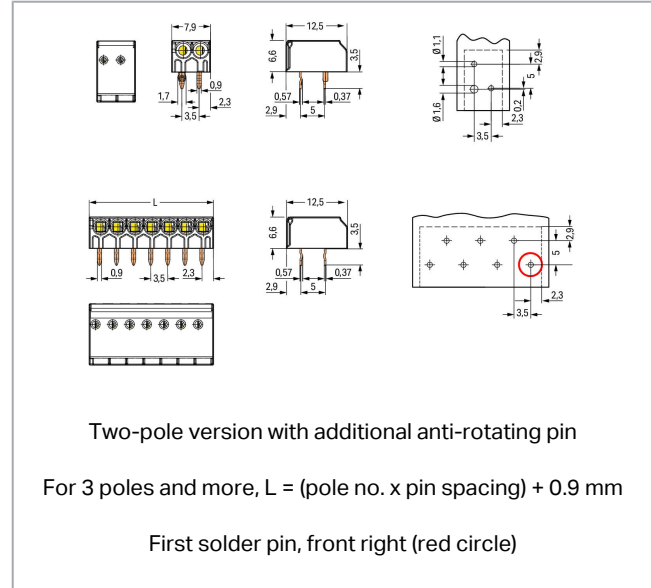


 Picture differs from the item.

RoHS  Compliant



Color: 



Item description

- PCB terminal blocks with PUSH WIRE® connection
- Push-in termination of solid conductors – low insertion forces
- Just 6.4 mm tall
- Conductor removal via disconnection tool or by twist & pull

Data

Electrical data

Ratings per IEC/EN

| Ratings per | IEC/EN 60664-1 |
|-----------------------------|----------------|
| Nominal voltage (III/3) | 250 V |
| Rated surge voltage (III/3) | 4 kV |
| Rated voltage (III/2) | 320 V |
| Rated surge voltage (III/2) | 4 kV |

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

WAGO Kontakttechnik GmbH & Co. KG
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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.



| | |
|----------------------------|--|
| Nominal voltage (II/2) | 630 V |
| Rated surge voltage (II/2) | 4 kV |
| Rated current | 2 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) | 6 A |
| Rated voltage UL (Use Group D) | 300 V |
| Rated current UL (Use Group D) | 6 A |

Ratings per CSA

| | |
|---------------|-----|
| Approvals per | CSA |
|---------------|-----|

Connection data

| | |
|---------------------------------------|---|
| Connection technology | PUSH WIRE [®] |
| Actuation type | Operating tool |
| Solid conductor | 0.5 ... 1.5 mm ² / 20 ... 16 AWG |
| Strip length | 8 ... 9 mm / 0.31 ... 0.35 inch |
| Conductor connection direction to PCB | 0° |
| Pole No. | 3 |
| Total number of connection points | 3 |
| Total number of potentials | 3 |
| Number of connection types | 1 |
| Number of levels | 1 |

Physical data

| | |
|--------------------------------------|--------------------------|
| Pin spacing | 3.5 mm / 0.138 inch |
| Width | 11.4 mm / 0.449 inch |
| Height | 10.1 mm / 0.398 inch |
| Height from the surface | 6.6 mm / 0.26 inch |
| Depth | 12.5 mm / 0.492 inch |
| Solder pin length | 3.5 mm |
| Solder pin dimensions | 0.35 x 0.9 mm |
| Drilled hole diameter with tolerance | 1.1 ^(-0.1) mm |

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PCB contact

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

Material data

| | |
|-----------------------------|-----------------------------------|
| Color | white |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Copper alloy |
| Contact plating | tin-plated |
| Weight | 0.9 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | CH |
| GTIN | 4055143300520 |
| Customs tariff number | 85369010000 |

Compatible products

tools



Item no.: 206-841
Disconnection tool; for 744 Series; multicoloured

www.wago.com/206-841

Downloads

Documentation

Additional Information

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

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



CAD/CAE-Data

CAD data

| | | |
|----------------------|---------------------|--------------------------|
| 2D/3D Models 744-303 | URL | Download |
|----------------------|---------------------|--------------------------|

PCB Design

| | | |
|------------------------------|---------------------|--------------------------|
| Symbol and Footprint 744-303 | 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
- 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

CAE data

| | | |
|----------------------|---------------------|--------------------------|
| ZUKEN Portal 744-303 | URL | Download |
|----------------------|---------------------|--------------------------|

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

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 744-303

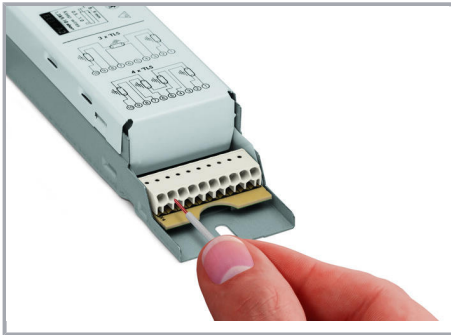
URL

Download

PCB terminal block; 1.5 mm²; Pin spacing 3.5 mm; 3-pole; PUSH WIRE®; 1,50 mm²; white

Installation Notes

Conductor termination



Inserting a conductor via push-in termination.

Conductor removal



Removing a conductor via 1.0 mm Ø disconnection tool (206-841).

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