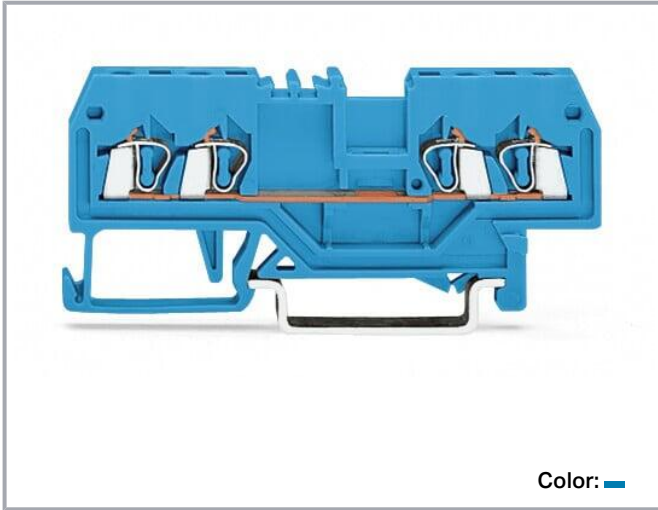


Data sheet | Item number: 279-834

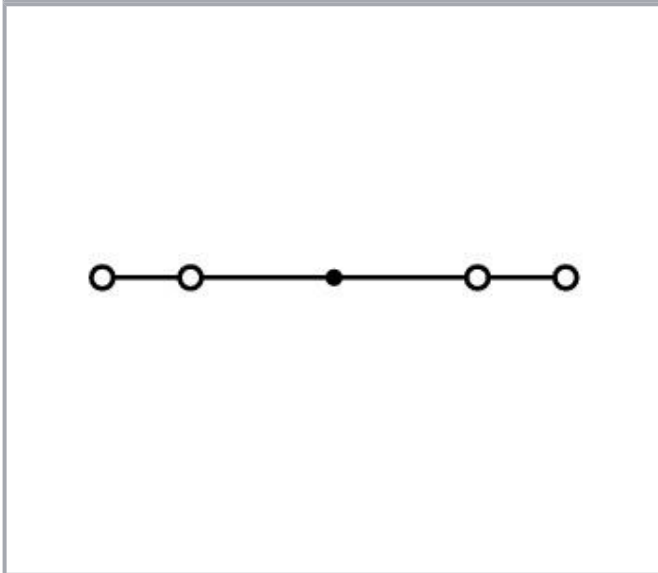
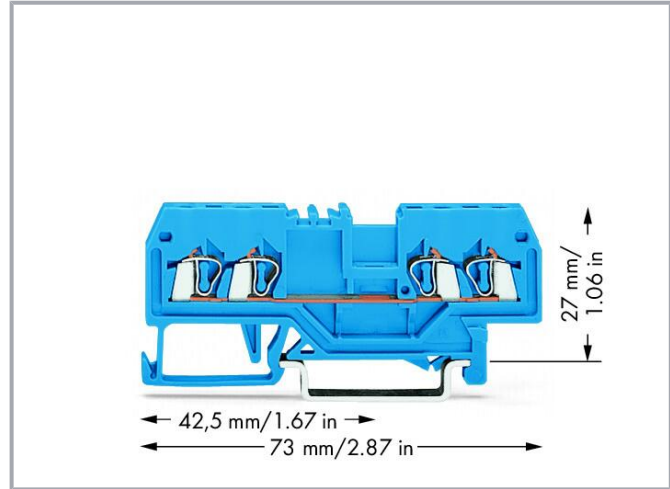
4-conductor through terminal block; 1.5 mm²; suitable for Ex i applications; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 1,50 mm²; blue



www.wago.com/279-834



Color: 



Data

Electrical data

Ratings per IEC/EN

Ratings per

IEC/EN 60947-7-1

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

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| | |
|-------------------------------|--|
| Nominal voltage (III/3) | 800 V |
| Rated impulse voltage (III/3) | 8 kV |
| Rated current | 18 A |
| Legend (ratings) | (III / 3) \triangleq Overvoltage category III / Pollution degree 3 |

Ratings per UL 1059

| | |
|--------------------------------|---------|
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 10 A |

Ratings per CSA

| | |
|---------------------------------|-----------------|
| Approvals per | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 10 A |

Power loss

| | |
|--|----------------|
| Power loss, per pole (potential) | 0.593 W |
| Rated current I_N for specified power loss | 18 A |
| Resistance value for specified, current-dependent power loss | 0.002 Ω |

Connection data

| | |
|----------------------------|---|
| Connection points | 4 |
| Total number of potentials | 1 |
| Number of levels | 1 |

Connection 1

| | |
|---------------------------------|--|
| Connection technology | CAGE CLAMP [®] |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Solid conductor | 0.08 ... 1.5 mm ² / 28 ... 16 AWG |
| Fine-stranded conductor | 0.08 ... 1.5 mm ² / 28 ... 16 AWG |
| Strip length | 8 ... 9 mm / 0.31 ... 0.35 inches |
| Wiring direction | Front-entry wiring |

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



Physical data

| | |
|-----------------------------------|----------------------|
| Width | 4 mm / 0.157 inches |
| Height | 73 mm / 2.874 inches |
| Depth from upper-edge of DIN-rail | 27 mm / 1.063 inches |

Mechanical Data

| | |
|---------------|----------------|
| Mounting type | DIN-35 rail |
| Marking level | Center marking |

Material Data

| | |
|-----------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | blue |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.116 MJ |
| Weight | 6.3 g |

Environmental requirements

| | |
|----------------------------------|-----------------|
| Processing temperature | -35 ... +85 °C |
| Continuous operating temperature | -60 ... +105 °C |

Commercial data

| | |
|-----------------------|---------------|
| eCl@ss 10.0 | 27-14-11-20 |
| eCl@ss 9.0 | 27-14-11-20 |
| ETIM 8.0 | EC000897 |
| ETIM 7.0 | EC000897 |
| PU (SPU) | 100 pcs |
| Packaging type | box |
| Country of origin | DE |
| GTIN | 4044918520560 |
| Customs tariff number | 85369010000 |

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





Environmental Product Compliance

RoHS Compliance Status



Compliant, No Exemption

Approvals / Certificates


General approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|---------------------------------------|--------------------------|------------------|
|  | CCA DEKRA Certification B.V. | EN 60947 | NTR NL-7081 |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | 70133738 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 60947 | 2160584.04 |
|  | UL Underwriters Laboratories Inc. | UL 1059 | E45172 |

Declarations of conformity and manufacturer's declarations

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|------------------|
|  | EU-Declaration of Conformity WAGO GmbH & Co. KG | - | - |
|  | UK-Declaration of Conformity WAGO GmbH & Co. KG | - | - |

Approvals for marine applications

| Logo | Approval | Additional Approval Text | Certificate name |
|--|------------------------------------|--------------------------|------------------|
|  | ABS American Bureau of Shipping | - | 20-HG1941090-PDA |

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

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| | | | |
|---|---|----------|------------------|
|  | BV Bureau Veritas S.A. | EN 60947 | 07436/F0 BV |
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | - | TAE00001V2 |
|  | LR Lloyds Register | EN 60947 | 91/20112 (E9) |

Required accessories

End plate




End plate

| | | |
|--|---|--|
|  | Item no.: 209-191 Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange | www.wago.com/209-191 |
|  | Item no.: 279-346 End and intermediate plate; 2 mm thick; orange | www.wago.com/279-346 |
|  | Item no.: 279-344 End and intermediate plate; 2 mm thick; gray | www.wago.com/279-344 |

Optional accessories


Tool

Operating tool

| | | |
|--|--|--|
|  | Item no.: 210-648 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short | www.wago.com/210-648 |
|  | Item no.: 210-647 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; multicoloured | www.wago.com/210-647 |
|  | Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft | www.wago.com/210-719 |

Push-in type wire jumper

Jumper

| | | |
|--|--|--|
|  | Item no.: 249-123 Push-in type wire jumper; 0.75 mm ² ; insulated; 180 mm long; black | www.wago.com/249-123 |
|--|--|--|

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



Item no.: 249-126
Push-in type wire jumper; 0.75 mm²; insulated; 110 mm long; black

www.wago.com/249-126



Item no.: 249-127
Push-in type wire jumper; 0.75 mm²; insulated; 250 mm long; black

www.wago.com/249-127



Item no.: 249-125
Push-in type wire jumper; insulated; 60 mm long; black

www.wago.com/249-125

Testing and measuring

Testing accessories



Item no.: 209-170
Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm² - 10 mm² tbs; gray

www.wago.com/209-170



Item no.: 280-404
Test plug adapter; 5 mm wide; for test plug (2.3 mm Ø); suitable for 1.5 mm² - 4 mm² tbs; gray

www.wago.com/280-404

Carrier rail

Mounting accessories



Item no.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored

www.wago.com/210-197



Item no.: 210-198
Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored

www.wago.com/210-198



Item no.: 210-504
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored

www.wago.com/210-504



Item no.: 210-505
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

www.wago.com/210-505



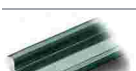
Item no.: 210-506
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

www.wago.com/210-506



Item no.: 210-508
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

www.wago.com/210-508



Item no.: 210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

www.wago.com/210-113



Item no.: 210-118
Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

www.wago.com/210-118



Item no.: 210-112
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm; silver-colored

www.wago.com/210-112



Item no.: 210-114
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

www.wago.com/210-114

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

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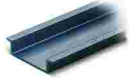
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**Item no.: 210-115**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; www.wago.com/210-115
silver-colored

**Item no.: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored www.wago.com/210-196

Jumpers

Jumper

**Item no.: 279-402**

Jumper; insulated; gray

www.wago.com/279-402

**Item no.: 279-409**

Jumper; insulated; gray

www.wago.com/279-409

**Item no.: 279-422**

Jumper; insulated; yellow-green

www.wago.com/279-422

**Item no.: 279-492**

Jumper; 2-way; insulated; gray

www.wago.com/279-492

**Item no.: 279-490**

Jumper; 10-way; insulated; gray

www.wago.com/279-490

**Item no.: 279-482**

Jumper; 2-way; insulated; gray

www.wago.com/279-482

**Item no.: 279-483**

Jumper; 3-way; insulated; gray

www.wago.com/279-483

**Item no.: 284-414**

Step-down jumper; from 284/282 to 281/280/279 series; insulated; gray

www.wago.com/284-414

Mounting

Cover carrier

**Item no.: 709-167**

Cover carrier; Type 1; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

www.wago.com/709-167

Cover

**Item no.: 709-153**

Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

www.wago.com/709-153

Mounting accessories

**Item no.: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails; gray

www.wago.com/209-106

**Item no.: 249-116**

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

www.wago.com/249-116

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

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Insulation stop

Insulation stop



Item no.: 279-470

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white

www.wago.com/279-470



Item no.: 279-471

Insulation stop; 0.25 mm²; 5 pieces/strip; dark gray

www.wago.com/279-471

End plate

End plate



Item no.: 284-334

Step-down cover plate; 1 mm thick; for 2-, 3- and 4-conductor terminal blocks; gray

www.wago.com/284-334



Item no.: 284-344

Step-down cover plate; 1 mm thick; for 2-, 3- and 4-conductor terminal blocks; orange

www.wago.com/284-344

Ferrule

Ferrule



Item no.: 216-101

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored

www.wago.com/216-101



Item no.: 216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored

www.wago.com/216-102



Item no.: 216-103

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

www.wago.com/216-103



Item no.: 216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

www.wago.com/216-203



Item no.: 216-202

Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

www.wago.com/216-202



Item no.: 216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

www.wago.com/216-201



Item no.: 216-301

Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

www.wago.com/216-301



Item no.: 216-302

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise

www.wago.com/216-302

Protective warning marker

Cover



Item no.: 279-415

Protective warning marker; 5-pole; with high-voltage symbol, black; yellow

www.wago.com/279-415

Marking accessories

Double marker carrier

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

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Item no.: 209-128
Adaptor; gray

www.wago.com/209-128

Marker

| | | |
|---|--|--|
|  | Item no.: 2009-114/000-002 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow | www.wago.com/2009-114/000-002 |
|  | Item no.: 2009-114/000-005 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red | www.wago.com/2009-114/000-005 |
|  | Item no.: 2009-114/000-007 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray | www.wago.com/2009-114/000-007 |
|  | Item no.: 2009-114/000-023 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green | www.wago.com/2009-114/000-023 |
|  | Item no.: 2009-114/000-006 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue | www.wago.com/2009-114/000-006 |
|  | Item no.: 2009-114/000-024 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet | www.wago.com/2009-114/000-024 |
|  | Item no.: 2009-114/000-012 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange | www.wago.com/2009-114/000-012 |
|  | Item no.: 2009-114 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white | www.wago.com/2009-114 |
|  | Item no.: 793-4501/000-002 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow | www.wago.com/793-4501/000-002 |
|  | Item no.: 793-4501/000-006 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue | www.wago.com/793-4501/000-006 |
|  | Item no.: 793-4501/000-014 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; brown | www.wago.com/793-4501/000-014 |

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

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Item no.: 793-4501

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white

www.wago.com/793-4501



Item no.: 793-4501/000-023

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green

www.wago.com/793-4501/000-023



Item no.: 793-4501/000-024

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet

www.wago.com/793-4501/000-024



Item no.: 793-4501/000-005

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red

www.wago.com/793-4501/000-005



Item no.: 793-4501/000-007

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray

www.wago.com/793-4501/000-007



Item no.: 793-4501/000-012

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange

www.wago.com/793-4501/000-012



Item no.: 793-4501/000-017

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green

www.wago.com/793-4501/000-017

Group marker carrier



Item no.: 209-142

Group marker carrier; gray

www.wago.com/209-142



Item no.: 209-141

Group marker carrier; gray

www.wago.com/209-141



Item no.: 209-140

Group marker carrier; gray

www.wago.com/209-140



Item no.: 249-105

Group marker carrier; gray

www.wago.com/249-105

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Downloads

Documentation

Bid Text

| | | | |
|------------------------|-------------|---------------|----------|
| 279-834 X81 - Datei | 2019 Feb 19 | xml 3.3 kB | Download |
|------------------------|-------------|---------------|----------|

| | | | |
|------------------------|-------------|----------------|----------|
| 279-834 doc - Datei | 2017 Feb 28 | doc 24.1 kB | Download |
|------------------------|-------------|----------------|----------|

Additional Information

| | | | |
|---|--|---------------|----------|
| Technical Section Technical explanations | | pdf 2.2 MB | Download |
|---|--|---------------|----------|

CAD/CAE-Data

CAD data

| | | | |
|----------------------|--|-----|----------|
| 2D/3D Models 279-834 | | URL | Download |
|----------------------|--|-----|----------|

CAE data

| | | | |
|------------------------|--|-----|----------|
| WSCAD Universe 279-834 | | URL | Download |
|------------------------|--|-----|----------|

| | | | |
|---------------------------|--|-----|----------|
| EPLAN Data Portal 279-834 | | URL | Download |
|---------------------------|--|-----|----------|

| | | | |
|----------------------|--|-----|----------|
| ZUKEN Portal 279-834 | | URL | Download |
|----------------------|--|-----|----------|

Environmental Product Compliance

Compliance Search

| | | | |
|--|--|-----|----------|
| Environmental Product Compliance 279-834 | | URL | Download |
|--|--|-----|----------|

4-conductor through terminal block; 1.5 mm²; suitable for Ex i applications; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 1,50 mm²; blue

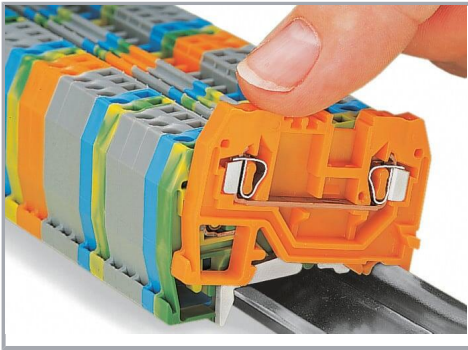
Installation Notes

Installation

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

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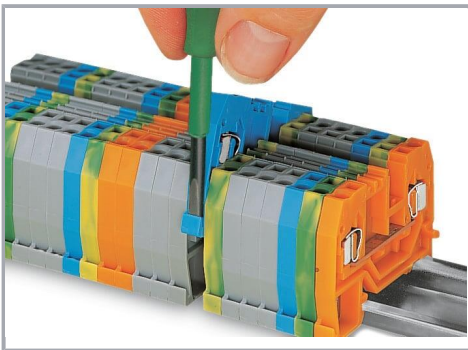
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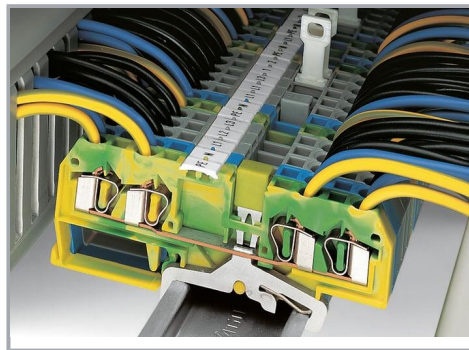
Snapping a terminal block onto the DIN-rail.



Quick assembly keys prevent reverse mounting.

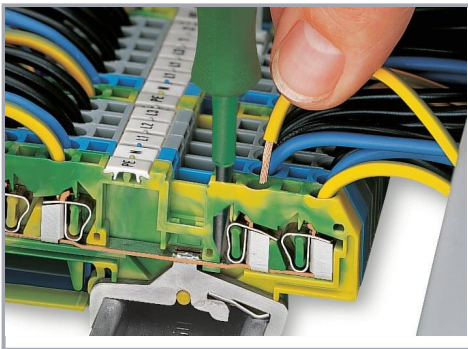


Removing a terminal block from the assembly.



Steel DIN-rails are not suited for PEN (ground and N-conductor) applications per EN 60947-7-2 (VDE 0611, Part 3).

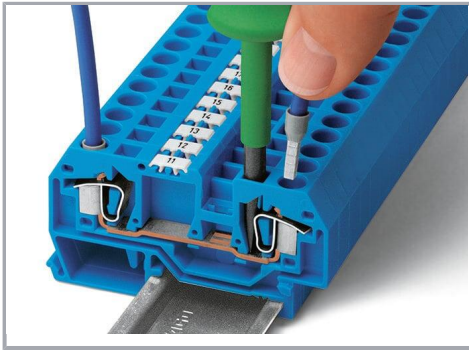
Conductor termination



CAGE CLAMP® connection

Inserting a conductor.

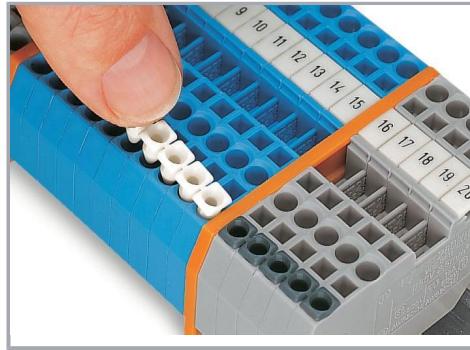
Subject to changes. Please also observe the further product documentation!



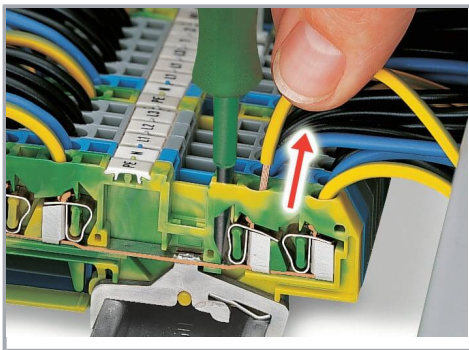
CAGE CLAMP® connection

Inserting a conductor.

With ferruled conductors, it is necessary to use a terminal block one size larger than the conductor's nominal cross-section.



Inserting insulation stops.

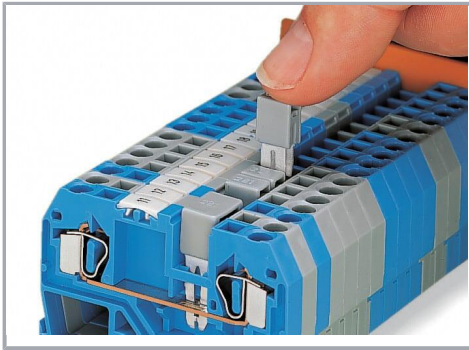


CAGE CLAMP® connection

Removing a solid conductor.

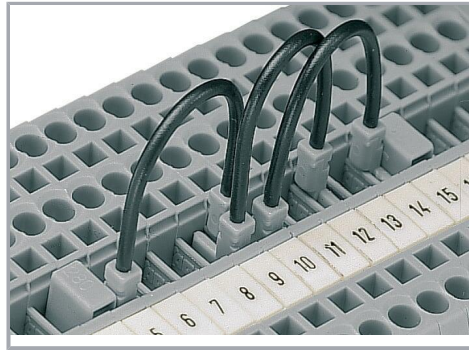
Commoning

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



Commoning using an adjacent jumper.

Push jumper down until fully inserted!



Push-In Type Wire Jumpers

When installing machines or control systems, it is often necessary to make an additional connection between two terminal blocks that are not next to each other on the rail. In such cases, WAGO's touch-proof, push-in type wire jumpers are the ideal solution.

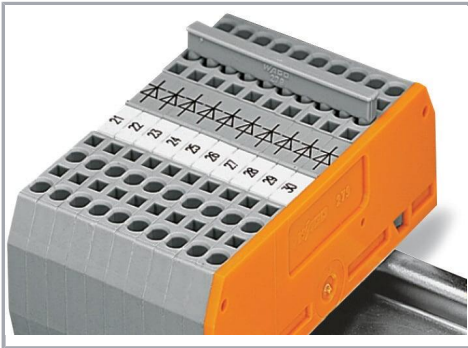
These jumpers are compatible with the following rail-mount terminal blocks:

- 279 Series (1.5 mm²/16 AWG),
- 280/775/780 Series (2.5 mm²/14 AWG)
- 281/769/776/777/781 and 880 Series (4 mm² /12 AWG)

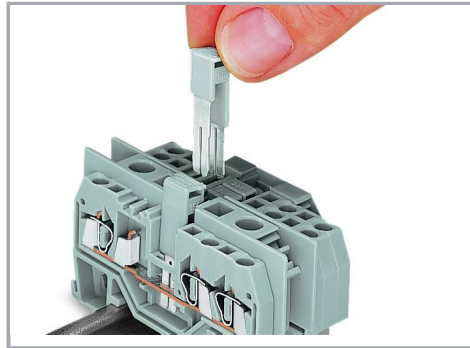
They are available in three conductor lengths (60, 110 and 250 mm), allowing up to 60 terminal blocks to be commoned depending on their width (see table on the right).

The 280/775/780 and 281/776/777/781 Series Terminal Blocks accept two wire jumpers, allowing the use of commoning chains. Furthermore, the 280/769/775/780 /880 and 281/776/777/781 Series allow both wire jumper and adjacent jumper to be simultaneously plugged into a same terminal block.

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

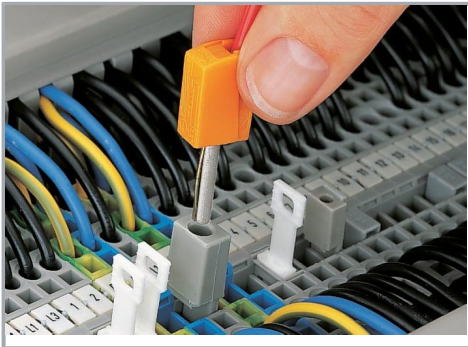


Commoning using comb-style jumper bars:
Push comb-style jumper bars down until fully inserted.



Commoning terminal blocks of different sizes
via step-down jumpers.

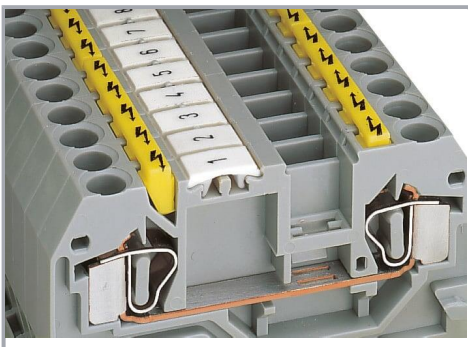
Testing



Testing with a test plug.

Picture shows a test plug adapter (209-170).

Cover



Protective warning markers inserted into the
operating slots

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

Marking



Labeling via WMB Multi Marking System.

Product family

Classic

EPSITRON® CLASSIC POWER: The Robust Power Supply – with Integrated TopBoost (Optional)

[Show all products from the family](#)

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