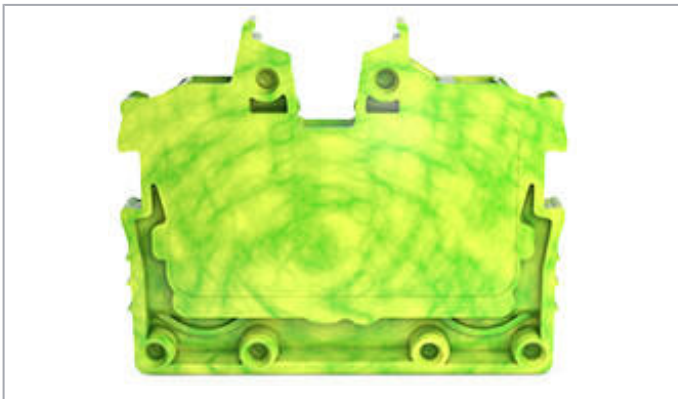
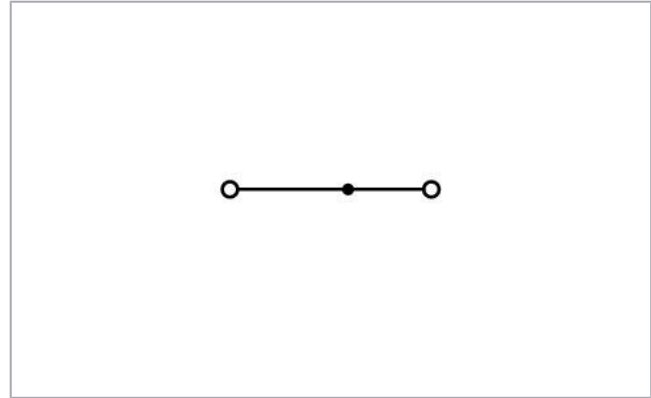
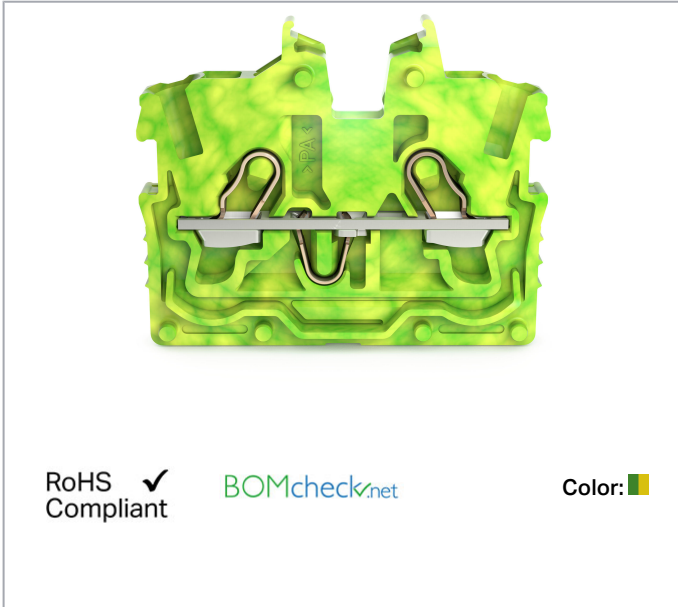


Data sheet | Item number: 2050-327

2-conductor miniature through terminal block; with operating slots; 1 mm²; with test port; side and center marking; Center terminal block without snap-in mounting foot, without mounting flange; Push-in CAGE CLAMP®; 1,00 mm²; green-yellow

www.wago.com/2050-327



Data

Connection data

| | |
|---------------------------------|--|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Push-in Operating tool |
| Connectable conductor materials | Copper |
| Nominal cross-section | 1 mm ² |
| Solid conductor | 0.14 ... 1.5 mm ² / 24 ... 16 AWG |

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 01788 568 008.



| | |
|--|---|
| Solid conductor; push-in termination | 0.5 ... 1.5 mm ² / 20 ... 16 AWG |
| Fine-stranded conductor | 0.14 ... 1.5 mm ² / 24 ... 16 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.5 ... / 20 ... 18 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 0.5 ... 0.75 mm ² / 20 ... 18 AWG |
| Note (conductor cross-section) | Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination. |
| Strip length | 9 ... 11 mm / 0.35 ... 0.43 inch |
| Total number of connection points | 2 |
| Total number of potentials | 1 |
| Number of levels | 1 |
| Wiring type | Front-entry wiring |
| Number of jumper slots | 1 |

Physical data

| | |
|-------------------------|----------------------|
| Width | 3.5 mm / 0.138 inch |
| Height from the surface | 27.2 mm / 1.071 inch |
| Depth | 33.2 mm / 1.307 inch |

Mechanical data

| | |
|---------------|---------------------|
| Design | horizontal type |
| Marking level | Center/side marking |

Material data

| | |
|-----------------------------|------------------|
| Color | green-yellow |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Weight | 2.3 g |

Commercial data

| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4055143964791 |
| Customs tariff number | 85369010000 |




Approvals / Certificates

Ex-Approvals




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

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 Email: info.de@wago.com | Web: www.wago.com


Do you have any questions about our products?
 We are always happy to take your call at 01788 568 008.

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|---|
|  | ATEX Physikalisch Technische Bundesanstalt | EN IEC 60079-0 | PTB 19 ATEX 1019 U (II 2G Ex eb IIC Gb or I M 2 EX eb I Mb) |
|  | CCCEX CQST/CNEX | CNCA-C23-01 | 2020312313000289 |
|  | IECEX Physikalisch Technische Bundesanstalt | IEC 60079 | IECEX PTB 19.0050 U (Ex eb IIC Gb or EX eb I Mb) |

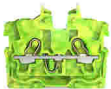
Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---------------------------------------|--------------------------|------------------|
|  | CCA DEKRA Certification B.V. | EN 60998 | NTR NL 7840 |
|  | CSA CSA | C22.2 No. 158 | 80034182 |
|  | KEMA/KEUR DEKRA Certification B.V. | EN 60998 | 71- 113957 |

UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---|--------------------------|---------------------|
|  | cURus Underwriters Laboratories Inc. | UL 1059 | E45172- 20200212 |

Counterpart



Item no.2050-307

2-conductor miniature through terminal block; with operating slots; 1 mm²; with test port; side and center marking; End terminal block with mounting flange; Push-in CAGE CLAMP®; 1,00 mm²; green-yellowwww.wago.com/2050-307

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





Item no.2050-317

2-conductor miniature through terminal block; with operating slots; 1 mm²; with test port; side and center marking; with snap-in mounting foot; Push-in CAGE CLAMP®; 1,00 mm²; green-yellow

www.wago.com/2050-317




Required accessories

End plate







| | | |
|--|--|--|
|  | Item no.: 2050-381 End plate; with fixing flange; 1.3 mm thick; gray | www.wago.com/2050-381 |
|  | Item no.: 2050-391 End plate; for terminal blocks with snap-in mounting foot; 3.4 mm thick; gray | www.wago.com/2050-391 |

Compatible products
















tools

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















Marking accessories

| | | |
|--|--|--|
|  | Item no.: 2009-110 Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white | www.wago.com/2009-110 |
|  | Item no.: 2009-113 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white | www.wago.com/2009-113 |
|  | Item no.: 2009-113/000-002 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow | www.wago.com/2009-113/000-002 |
|  | Item no.: 2009-113/000-005 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red | www.wago.com/2009-113/000-005 |
|  | Item no.: 2009-113/000-006 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue | www.wago.com/2009-113/000-006 |
|  | Item no.: 2009-113/000-007 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray | www.wago.com/2009-113/000-007 |

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

| | | |
|--|--|--|
|  | Item no.: 2009-113/000-012 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange | www.wago.com/2009-113/000-012 |
|  | Item no.: 2009-113/000-017 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green | www.wago.com/2009-113/000-017 |
|  | Item no.: 2009-113/000-023 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green | www.wago.com/2009-113/000-023 |
|  | Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet | www.wago.com/2009-113/000-024 |
|  | Item no.: 2009-191 Group marker carrier | www.wago.com/2009-191 |
|  | Item no.: 793-3501 WMB marking card; as card; plain; snap-on type; white | www.wago.com/793-3501 |
| ferrule | | |
|  | Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white | www.wago.com/216-241 |
|  | Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-242 |
|  | Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | www.wago.com/216-243 |
| check | | |
|  | Item no.: 2009-174 Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray | www.wago.com/2009-174 |
|  | Item no.: 2009-182 Testing tap; for max. 2.5 mm ² ; tool-free connection for individual test wires 0.08 - 2.5 mm; gray | www.wago.com/2009-182 |
|  | Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable; red | www.wago.com/210-136 |
|  | Item no.: 210-137 Test plug; 2.3 mm Ø; with 500 mm cable; yellow | www.wago.com/210-137 |
| Jumper | | |
|  | Item no.: 2000-402 Jumper; 2-way; insulated; light gray | www.wago.com/2000-402 |
|  | Item no.: 2000-402/000-005 Jumper; 2-way; insulated; red | www.wago.com/2000-402/000-005 |

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

| | | |
|--|--|--|
|  | Item no.: 2000-402/000-006 Jumper; 2-way; insulated; blue | www.wago.com/2000-402/000-006 |
|  | Item no.: 2000-402/000-018 Jumper; 2-way; insulated; yellow-green | www.wago.com/2000-402/000-018 |
|  | Item no.: 2000-403 Jumper; 3-way; insulated; light gray | www.wago.com/2000-403 |
|  | Item no.: 2000-403/000-005 Jumper; 3-way; insulated; red | www.wago.com/2000-403/000-005 |
|  | Item no.: 2000-403/000-006 Jumper; 3-way; insulated; blue | www.wago.com/2000-403/000-006 |
|  | Item no.: 2000-404 Jumper; 4-way; insulated; light gray | www.wago.com/2000-404 |
|  | Item no.: 2000-404/000-005 Jumper; 4-way; insulated; red | www.wago.com/2000-404/000-005 |
|  | Item no.: 2000-404/000-006 Jumper; 4-way; insulated; blue | www.wago.com/2000-404/000-006 |
|  | Item no.: 2000-405 Jumper; 5-way; insulated; light gray | www.wago.com/2000-405 |
|  | Item no.: 2000-405/000-005 Jumper; 5-way; insulated; red | www.wago.com/2000-405/000-005 |
|  | Item no.: 2000-405/000-006 Jumper; 5-way; insulated; blue | www.wago.com/2000-405/000-006 |
|  | Item no.: 2000-405/011-000 Star point jumper; 3-way; insulated; light gray | www.wago.com/2000-405/011-000 |
|  | Item no.: 2000-406 Jumper; 6-way; insulated; light gray | www.wago.com/2000-406 |
|  | Item no.: 2000-406/000-005 Jumper; 6-way; insulated; red | www.wago.com/2000-406/000-005 |

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



Item no.: 2000-406/000-006
Jumper; 6-way; insulated; blue

www.wago.com/2000-406/000-006



Item no.: 2000-406/020-000
Delta jumper; insulated; light gray

www.wago.com/2000-406/020-000



Item no.: 2000-407
Jumper; 7-way; insulated; light gray

www.wago.com/2000-407



Item no.: 2000-407/000-005
Jumper; 7-way; insulated; red

www.wago.com/2000-407/000-005



Item no.: 2000-407/000-006
Jumper; 7-way; insulated; blue

www.wago.com/2000-407/000-006



Item no.: 2000-408
Jumper; 8-way; insulated; light gray

www.wago.com/2000-408



Item no.: 2000-408/000-005
Jumper; 8-way; insulated; red

www.wago.com/2000-408/000-005



Item no.: 2000-408/000-006
Jumper; 8-way; insulated; blue

www.wago.com/2000-408/000-006



Item no.: 2000-409
Jumper; 9-way; insulated; light gray

www.wago.com/2000-409



Item no.: 2000-409/000-005
Jumper; 9-way; insulated; red

www.wago.com/2000-409/000-005



Item no.: 2000-409/000-006
Jumper; 9-way; insulated; blue

www.wago.com/2000-409/000-006



Item no.: 2000-410
Jumper; 10-way; insulated; light gray

www.wago.com/2000-410



Item no.: 2000-410/000-005
Jumper; 10-way; insulated; red

www.wago.com/2000-410/000-005



Item no.: 2000-410/000-006
Jumper; 10-way; insulated; blue














www.wago.com/2000-410/000-006



Item no.: 2000-433
Jumper; from 1 to 3; insulated; light gray

www.wago.com/2000-433

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

| | | |
|--|--|--|
|  | Item no.: 2000-433/000-005 Jumper; from 1 to 3; insulated; red | www.wago.com/2000-433/000-005 |
|  | Item no.: 2000-433/000-006 Jumper; from 1 to 3; insulated; blue | www.wago.com/2000-433/000-006 |
|  | Item no.: 2000-434 Jumper; from 1 to 4; insulated; light gray | www.wago.com/2000-434 |
|  | Item no.: 2000-435 Jumper; from 1 to 5; insulated; light gray | www.wago.com/2000-435 |
|  | Item no.: 2000-436 Jumper; from 1 to 6; insulated; light gray | www.wago.com/2000-436 |
|  | Item no.: 2000-437 Jumper; from 1 to 7; insulated; light gray | www.wago.com/2000-437 |
|  | Item no.: 2000-438 Jumper; from 1 to 8; insulated; light gray | www.wago.com/2000-438 |
|  | Item no.: 2000-439 Jumper; from 1 to 9; insulated; light gray | www.wago.com/2000-439 |
|  | Item no.: 2000-440 Jumper; from 1 to 10; insulated; light gray | www.wago.com/2000-440 |
| Protective Warning Marker | | |
|  | Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow | www.wago.com/2000-115 |
| Push-In type wire jumper | | |
|  | Item no.: 2009-402 Push-in type wire jumper; 0.75 mm ² ; insulated; 60 mm long; gray | www.wago.com/2009-402 |
|  | Item no.: 2009-404 Push-in type wire jumper; 0.75 mm ² ; insulated; 110 mm long; gray | www.wago.com/2009-404 |
|  | Item no.: 2009-406 Push-in type wire jumper; 0.75 mm ² ; insulated; 250 mm long; gray | www.wago.com/2009-406 |
| Downloads | | |
| Documentation | | |
| Additional Information | | |
| Technical explanations | 3. 4. 2019 | pdf 2.2 MB |
| Download | | |

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

CAD/CAE-Data

CAE data

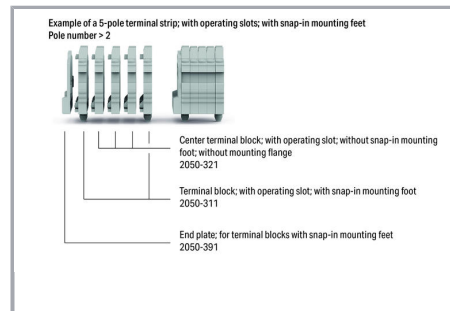
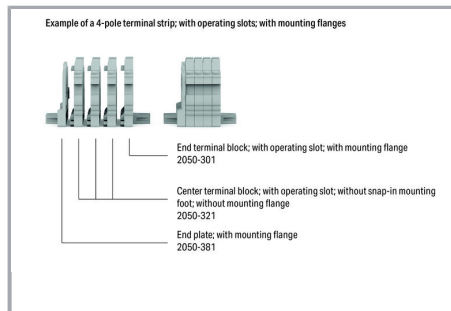
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| EPLAN Data Portal 2050-327 | URL | Download |
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| | | |
|-----------------------|---------------------|--------------------------|
| ZUKEN Portal 2050-327 | URL | Download |
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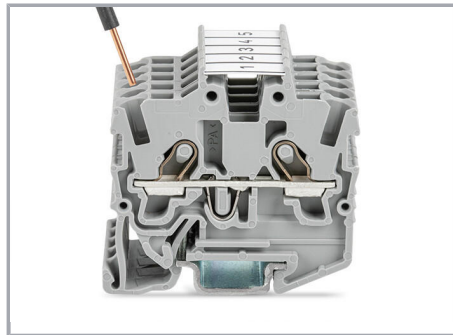
CAD data

| | | |
|-----------------------|---------------------|--------------------------|
| 2D/3D Models 2050-327 | URL | Download |
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Installation Notes



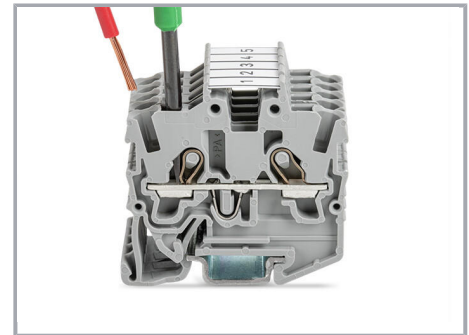
Conductor termination



Insert solid conductors via push-in termination.

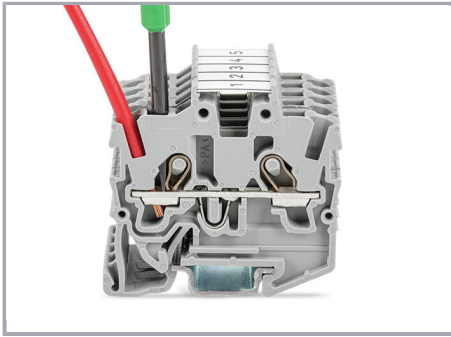


Insert ferruled conductors via push-in termination.



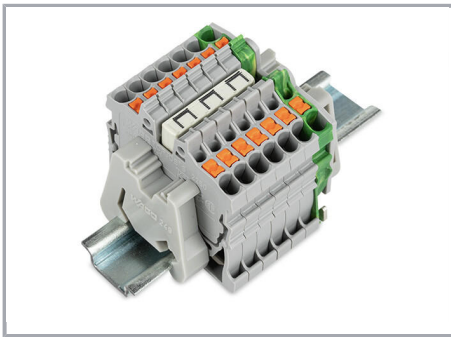
Insert fine-stranded conductors via operating tool.

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

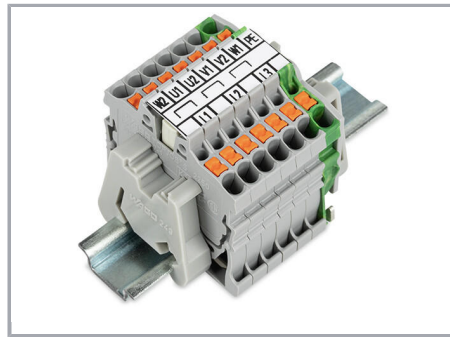


Remove all conductors via operating tool.

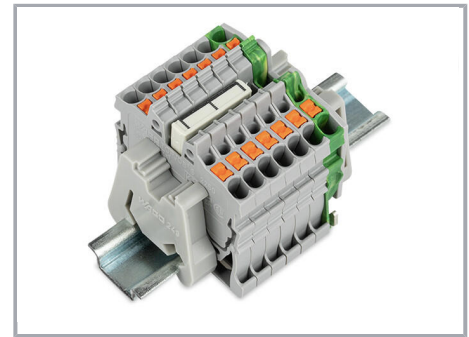
Commoning



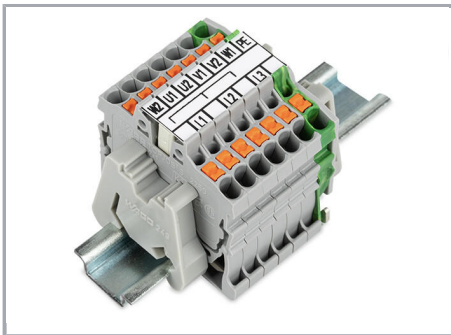
Insert a push-in type jumper bar and push down until it hits the backstop (example shows a 2000-406/020-000 Delta Jumper) (picture shows terminal blocks with push-buttons).



Marking strip (2009-110) inserted in the marking slot with jumper symbols of the inserted jumper (2000-406/020-000 Delta Jumper) (picture shows terminal blocks with push-buttons)



Insert a push-in type jumper bar and push down until it hits the backstop (example shows a 2000-405/011-000 Star Point Jumper) (picture shows terminal blocks with push-buttons).



Marking strip (2009-110) inserted in the marking slot with jumper symbols of the inserted jumper (2000-405/011-000 Delta Jumper) (picture shows terminal blocks with push-buttons)

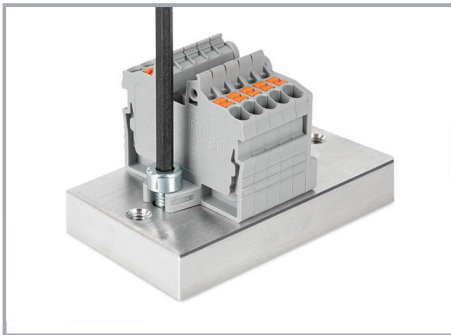
Testing

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



Testing with a 2 mm Ø 210-136 Test Plug (max. 42 V).

Installation

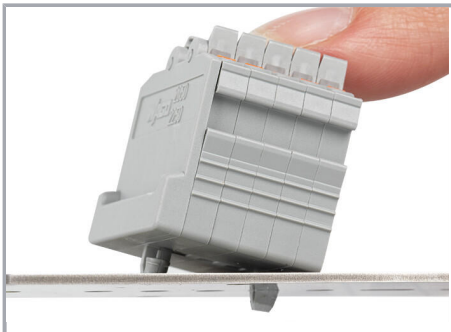


Mounting and securing a terminal strip directly to the plate via screw-type flanges (picture shows terminal blocks with push-buttons).



Terminal strip; with mounting flanges; screw mounting (picture shows terminal blocks with push-buttons)

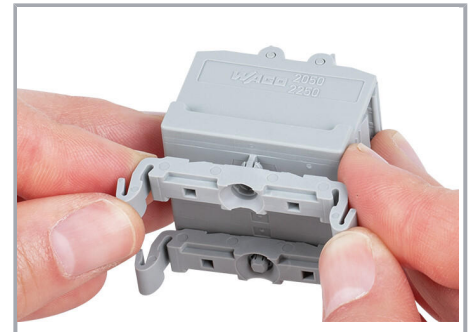
Installation



Mounting a terminal strip with snap-in feet into holes.

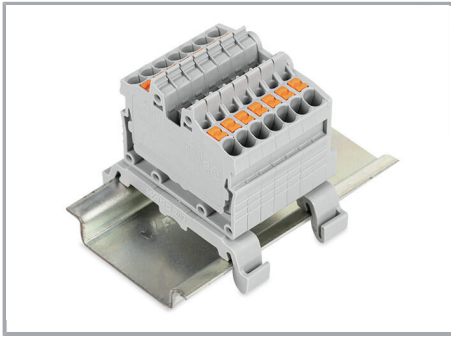


Mounting a terminal strip with snap-in feet onto aluminum rail.



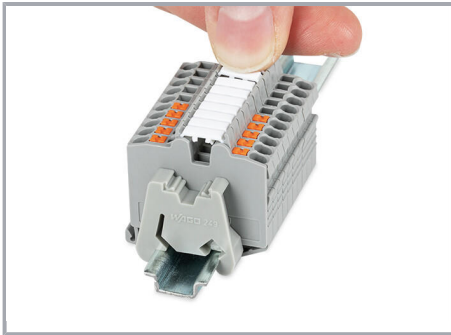
Terminal strip; with snap-in mounting feet
Snapping a mounting foot (209-120)
(Distance between mounting feet: approx. 20 ... 25 mm)

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

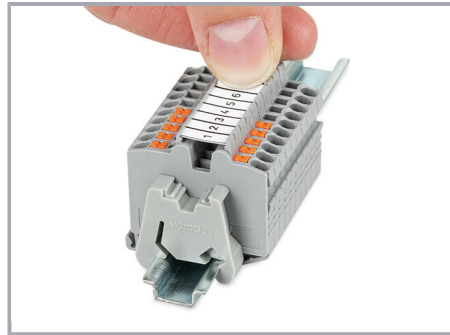


Terminal strip; with snap-in mounting feet; for DIN-35 rail (209-120 Mounting Foot) (picture shows terminal blocks with push-buttons)

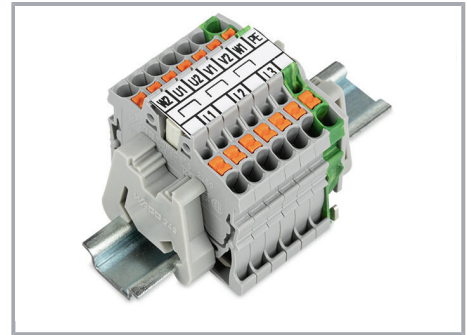
Marking



Snapping a marking strip (2009-113) into a marker slot.

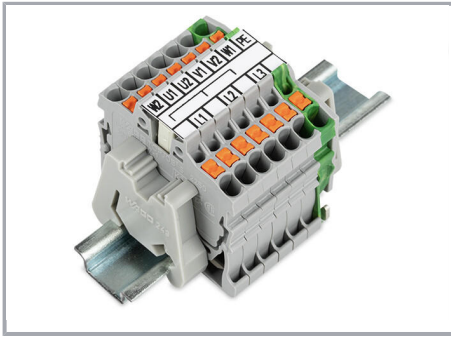


Snapping a marking strip (2009-110) into a marker slot.



Marking strip (2009-110) inserted in the marking slot with jumper symbols of the inserted jumper (2000-406/020-000 Delta Jumper) (picture shows terminal blocks with push-buttons)

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



Marking strip (2009-110) inserted in the marking slot with jumper symbols of the inserted jumper (2000-405/011-000 Delta Jumper) (picture shows terminal blocks with push-buttons)

Product family

TOPJOB® S

TOPJOB® S: In various industrial applications and modern building installations, WAGO's wide and versatile range of rail-mount terminal blocks provides more than just reliable electrical connections.

[Show all products from the family](#)

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