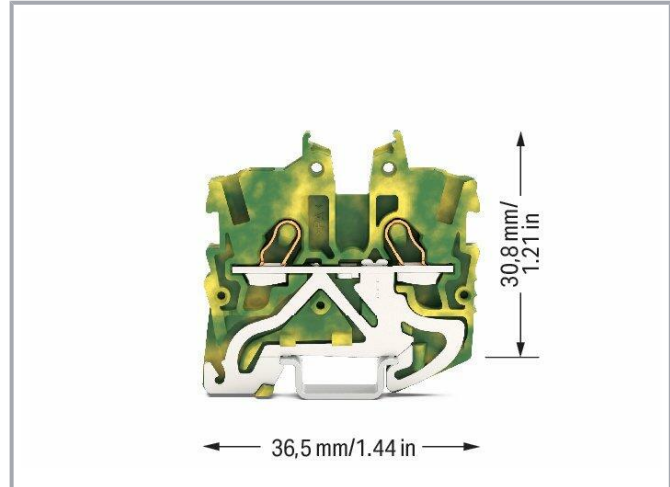


Data sheet | Item number: 2050-1207

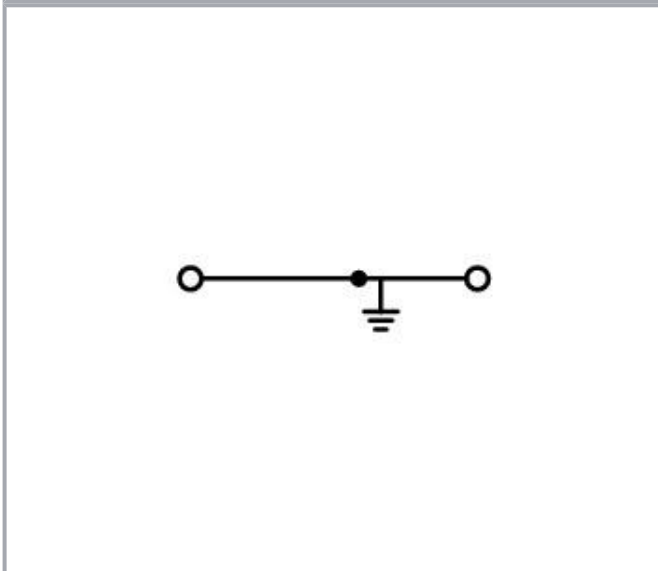
2-conductor miniature ground terminal block; with operating slots; 1 mm²; with test port; side and center marking; for DIN-15 rail; Push-in CAGE CLAMP®; 1,00 mm²; green-yellow



www.wago.com/2050-1207



Color: 



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

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

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Data

Electrical data

Ratings per IEC/EN

| | |
|-------------|------------------|
| Ratings per | IEC/EN 60947-7-2 |
|-------------|------------------|

Connection data

| | |
|--|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Push-in Operating tool |
| Connectable conductor materials | Copper Copper |
| Nominal cross-section | 1 mm ² |
| Solid conductor | 0.14 ... 1.5 mm ² / 24 ... 16 AWG |
| 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 | 0.14 ... 0.75 mm ² / 24 ... 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 direction | Front-entry wiring |
| Number of jumper slots | 1 |

Physical data

| | |
|-----------------------------------|---------------------|
| Width | 3.5 mm / 0.138 inch |
| Height | 34 mm / 1.339 inch |
| Depth from upper edge of DIN-rail | 28 mm / 1.102 inch |

Mechanical data

| | |
|---------------|---------------------|
| Design | horizontal type |
| Mounting type | DIN-15 rail |
| Marking level | Center/side marking |

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

Material data





| | |
|-----------------------------|------------------|
| Color | green-yellow |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Weight | 3 g |

Commercial data


| | |
|-----------------------|---------------|
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4055143981545 |
| Customs tariff number | 85369010000 |

Approvals / Certificates

Ex-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--|--------------------------|---|
|  | AEx Underwriters Laboratories Inc. | UL 60079 | E185892 |
|  | 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 60947 | NTR NL 7839 |
| | CCA DEKRA Certification B.V. | EN 60998 | NTR NL 7840 |

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

CCA

CSA
CSA

C22.2 No. 158

80034182

KEMA/KEUR
DEKRA Certification B.V.


EN 60947

71-
113930KEMA/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 |



Required accessories

End plate

| | | |
|---|---|--|
|  | Item no.: 2050-1291 End and intermediate plate; 1.1 mm thick; gray | www.wago.com/2050-1291 |
|---|---|--|

Optional accessories
















Jumpers

| | | |
|--|--|--|
|  | 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 |
|  | Item no.: 2000-402/000-006 Jumper; 2-way; insulated; blue | www.wago.com/2000-402/000-006 |

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

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| | | |
|--|--|--|
|  | 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 |
|  | 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 |

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










| | | |
|--|--|--|
|  | 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 |
|  | Item no.: 2000-433/000-005 Jumper; from 1 to 3; insulated; red | www.wago.com/2000-433/000-005 |

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




| | | |
|--|--|--|
|  | 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 |
|  | Item no.: 210-103 Wire commoning chain; insulated; black | www.wago.com/210-103 |
|  | Item no.: 210-123 Wire commoning chain; insulated; blue | www.wago.com/210-123 |
| Carrier rail | | |
|  | Item no.: 210-111 Steel carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; silver-colored | www.wago.com/210-111 |
|  | Item no.: 210-295 Steel carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored | www.wago.com/210-295 |
|  | Item no.: 210-296 Aluminum carrier rail; 15 x 5.5 mm; 1 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored | www.wago.com/210-296 |
| Tool | | |
|  | 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 | www.wago.com/2009-110 |

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

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white










| | | |
|---|---|--|
|  | 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 |
|  | 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 |

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 |

Protective warning marker

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

| | | |
|---|--|--|
|  | Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow | www.wago.com/2000-115 |
| 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 |
| Mounting | | |
|  | Item no.: 249-101 Screwless end stop; 6 mm wide; for WMB markers; gray | www.wago.com/249-101 |
| Testing and measuring | | |
|  | 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 |

Downloads

Documentation

Additional Information

| | | | |
|------------------------|------------|---------------|----------|
| Technical explanations | 3 Apr 2019 | pdf 2.2 MB | Download |
|------------------------|------------|---------------|----------|

CAD/CAE-Data

CAE data

| | | |
|-----------------------------|-----|----------|
| EPLAN Data Portal 2050-1207 | URL | Download |
| | URL | Download |
| ZUKEN Portal 2050-1207 | URL | Download |

CAD data

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

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Environmental Product Compliance

Compliance Search

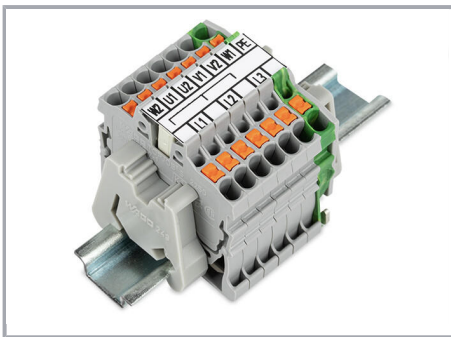
Environmental Product Compliance 2050-1207

[URL](#)

[Download](#)

2-conductor miniature ground terminal block; with operating slots; 1 mm²; with test port; side and center marking; for DIN-15 rail; Push-in CAGE CLAMP®; 1,00 mm²; green-yellow

Installation Notes



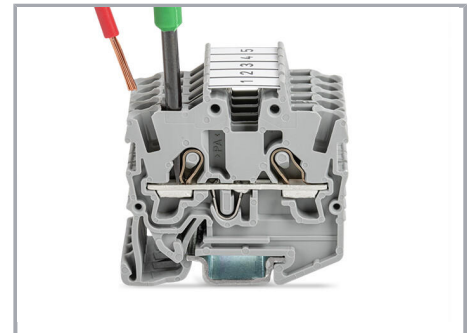
Conductor termination



Insert solid conductors via push-in termination.

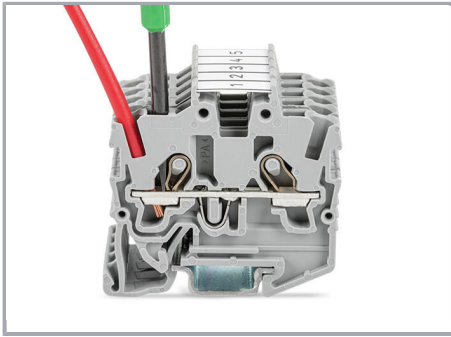


Insert ferruled conductors via push-in termination.



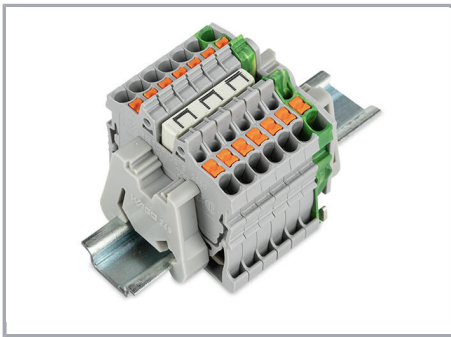
Insert fine-stranded conductors via operating tool.

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

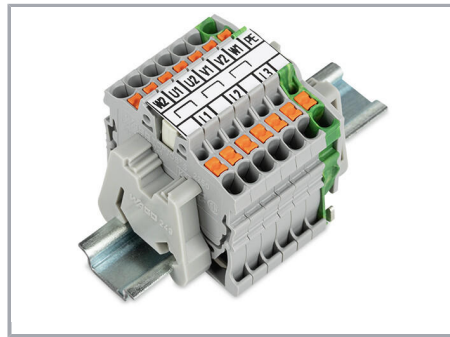


Remove all conductors via operating tool.

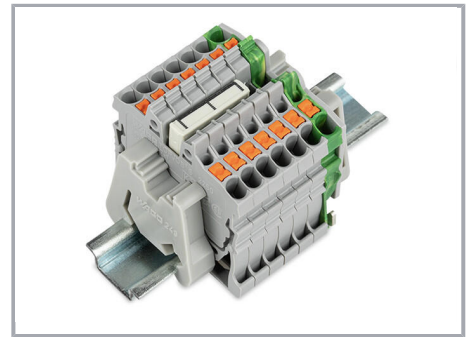
Commoning



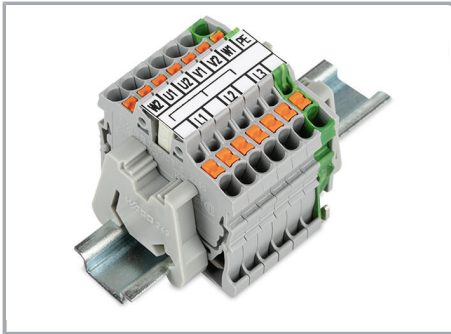
Insert a jumper (delta jumper) and push down until it hits the backstop (picture shows terminal blocks with push-buttons).



Marking strip (2009-110) inserted in the marking slot with jumper symbols of the inserted jumper (picture shows terminal blocks with push-buttons)



Insert a jumper (star point jumper) and push down until it hits the backstop (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)

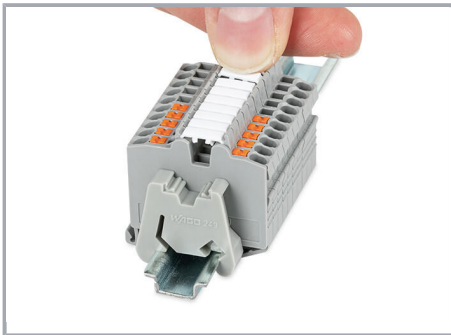
Testing

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

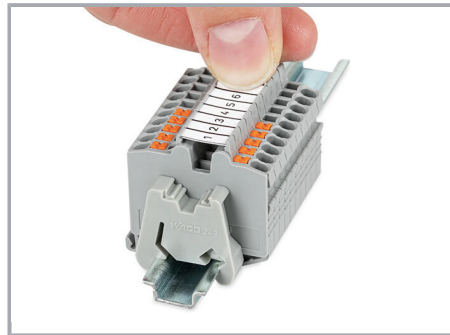


Testing with a 2 mm Ø 210-136 Test Plug (max. 42 V).

Marking



Snapping a WMB marking strip into a marker slot.



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

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](#)

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