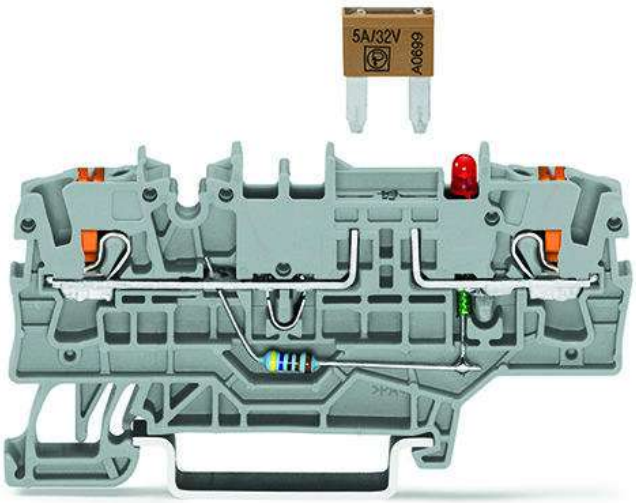
# Data sheet | Item number: 2202-1981/1000-413

TOPJOB®S fuse terminal block with Push-buttons; rail mount; for mini-automotive blade-style fuses; 2-conductor; 5.2 mm wide; 24 V, anode right; gray

www.wago.com/2202-1981_1000-413

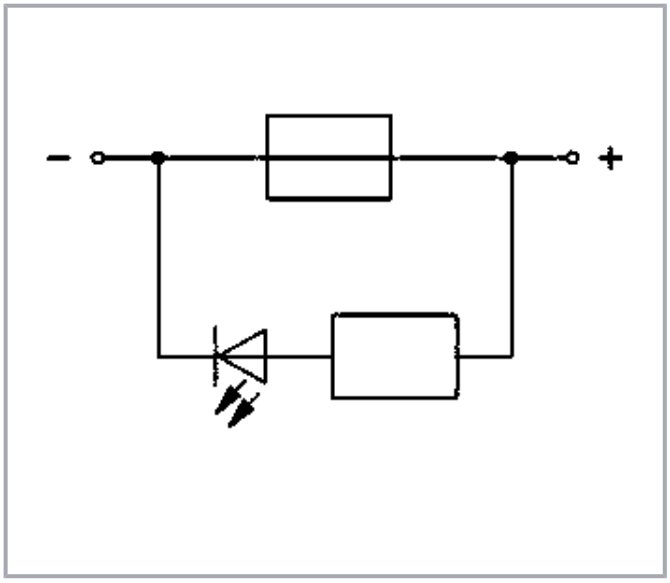



Picture differs from the item.

RoHS ✓ Compliant

BOMcheck.net

Color:



## Item description

**Safety information 1:**
Electrical ratings are given by the fuse and blown fuse indication.
**Safety information 2:**
Blade-style fuses: Observe touch-proof protection for 42 V and higher voltages!

## Data

### Electrical data

### IEC Approvals

| | |
|---|---|
| Ratings per | IEC/EN 60947-7-3 |

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| | |
|---|---|
| Rated voltage (III / 3) | 400 V |
| Rated surge voltage (III/3) | 6 kV |
| Rated current | 10 A |
| Operation status indicator | 24 V |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

## UL Approvals

| | |
|---|---|
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group B) | 24 V |
| Rated current UL (Use Group B) | 10 A |
| Rated voltage UL (Use Group C) | 24 V |
| Rated current UL (Use Group C) | 10 A |

## CSA Approvals

| | |
|---|---|
| Approvals per | C22.2 No 158 |
| Rated voltage CSA (Use Group B) | 24 V |
| Rated current CSA (Use Group B) | 10 A |
| Rated voltage CSA (Use Group C) | 24 V |
| Rated current CSA (Use Group C) | 10 A |

## Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Push-in<br>Push-button<br>Open Tool Slot |
| Connectable conductor materials | Copper |
| Nominal cross-section | 2.5 mm² |
| Solid conductor | 0.25 … 4 mm² / 22 … 12 AWG |
| Solid conductor; push-in termination | 0.75 … 4 mm² / 18 … 12 AWG |
| Fine-stranded conductor | 0.25 … 4 mm² / 22 … 12 AWG |
| Fine-stranded conductor; with insulated ferrule | 1 … 2.5 mm² / 18 … 14 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 1 … 2.5 mm² / 18 … 14 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 | 10 … 12 mm / 0.39 … 0.47 inch |
| Total number of connection points | 2 |
| Total number of potentials | 2 |

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| | |
|---|---|
| Number of levels | 1 |
| Wiring type | Front-entry wiring |
| Number of jumper slots | 3 |

## Physical data

| | |
|---|---|
| Width | 5.2 mm / 0.205 inch |
| Height | 72.9 mm / 2.87 inch |
| Height from upper-edge of DIN-rail | 32.9 mm / 1.295 inch |
| Depth | 72.9 mm / 2.87 inch |

## Mechanical data

| | |
|---|---|
| Design | horizontal type |
| Mounting type | DIN-35 rail |
| Marking level | Center/side marking |

## Material data

| | |
|---|---|
| Color | gray |
| Insulation material | Polyamide (PA66) |
| Fire load | 0.17 MJ |
| Weight | 9.5 g |

## Commercial data

| | |
|---|---|
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4055144029543 |
| Customs tariff number | 8536904000 |

## Approvals / Certificates

### UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|---|---|---|
| | **UL**<br>Underwriters Laboratories Inc. | UL 1059 | E45172 |

## Required accessories

### End plate

| | | |
|---|---|---|
| | Item no.: 2002-1991<br>TOPJOB®S end/intermediate plate; for 2002-19xx series terminal blocks; 1.0 mm wide; gray | www.wago.com/2002-1991 |
| | Item no.: 2002-1992<br>TOPJOB®S end/intermediate plate; for 2002-19xx series terminal blocks; 1.0 mm wide; orange | www.wago.com/2002-1992 |

## Compatible products

### tools

| | | |
|---|---|---|
| | Item no.: 210-658<br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured | www.wago.com/210-658 |
| | Item no.: 210-720<br>Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured | www.wago.com/210-720 |

### ferrule

| | | |
|---|---|---|
| | Item no.: 216-241<br>Ferrule; Sleeve for 0.5 mm² / 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<br>Ferrule; Sleeve for 0.75 mm² / 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<br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | www.wago.com/216-243 |
| | Item no.: 216-244<br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | www.wago.com/216-244 |
| | Item no.: 216-246<br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue | www.wago.com/216-246 |
| | Item no.: 216-262<br>Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray | www.wago.com/216-262 |
| | Item no.: 216-263<br>Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red | www.wago.com/216-263 |
| | Item no.: 216-264<br>Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black | www.wago.com/216-264 |
| | Item no.: 216-266<br>Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue | www.wago.com/216-266 |

### Marking accessories

Item no.: 2002-121

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| | | |
|---|---|---|
| | Adaptor; gray | www.wago.com/2002-121 |
| | **Item no.: 2002-161**<br>Adaptor; gray | www.wago.com/2002-161 |
| | **Item no.: 2009-110**<br>Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white | www.wago.com/2009-110 |
| | **Item no.: 2009-115**<br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white | www.wago.com/2009-115 |
| | **Item no.: 2009-115/000-002**<br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow | www.wago.com/2009-115/000-002 |
| | **Item no.: 2009-115/000-005**<br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red | www.wago.com/2009-115/000-005 |
| | **Item no.: 2009-115/000-006**<br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue | www.wago.com/2009-115/000-006 |
| | **Item no.: 2009-115/000-007**<br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray | www.wago.com/2009-115/000-007 |
| | **Item no.: 2009-115/000-012**<br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange | www.wago.com/2009-115/000-012 |
| | **Item no.: 2009-115/000-017**<br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green | www.wago.com/2009-115/000-017 |
| | **Item no.: 2009-115/000-023**<br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green | www.wago.com/2009-115/000-023 |
| | **Item no.: 2009-115/000-024**<br>WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet | www.wago.com/2009-115/000-024 |
| | **Item no.: 2009-145**<br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white | www.wago.com/2009-145 |
| | **Item no.: 2009-145/000-002**<br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow | www.wago.com/2009-145/000-002 |
| | **Item no.: 2009-145/000-005**<br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red | www.wago.com/2009-145/000-005 |

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| | **Item no.: 2009-145/000-006**<br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue | www.wago.com/2009-145/000-006 |
| | **Item no.: 2009-145/000-007**<br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray | www.wago.com/2009-145/000-007 |
| | **Item no.: 2009-145/000-012**<br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange | www.wago.com/2009-145/000-012 |
| | **Item no.: 2009-145/000-023**<br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green | www.wago.com/2009-145/000-023 |
| | **Item no.: 2009-145/000-024**<br>Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet | www.wago.com/2009-145/000-024 |
| | **Item no.: 2009-191**<br>Group marker carrier | www.wago.com/2009-191 |
| | **Item no.: 2009-192**<br>Group marker carrier | www.wago.com/2009-192 |
| | **Item no.: 2009-193**<br>Group marker carrier | www.wago.com/2009-193 |
| | **Item no.: 2009-198**<br>Adaptor; gray | www.wago.com/2009-198 |
| | **Item no.: 248-501**<br>Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card | www.wago.com/248-501 |
| | **Item no.: 248-501/000-002**<br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow | www.wago.com/248-501/000-002 |
| | **Item no.: 248-501/000-005**<br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red | www.wago.com/248-501/000-005 |
| | **Item no.: 248-501/000-006**<br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue | www.wago.com/248-501/000-006 |
| | **Item no.: 248-501/000-007**<br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray | www.wago.com/248-501/000-007 |
| | **Item no.: 248-501/000-012**<br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange | www.wago.com/248-501/000-012 |

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| | **Item no.: 248-501/000-017**<br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green | www.wago.com/248-501/000-017 |
| | **Item no.: 248-501/000-023**<br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green | www.wago.com/248-501/000-023 |
| | **Item no.: 248-501/000-024**<br>Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet | www.wago.com/248-501/000-024 |
| | **Item no.: 793-501**<br>WMB marking card; as card; not stretchable; plain; snap-on type; white | www.wago.com/793-501 |
| | **Item no.: 793-501/000-002**<br>WMB marking card; as card; not stretchable; plain; snap-on type; yellow | www.wago.com/793-501/000-002 |
| | **Item no.: 793-501/000-005**<br>WMB marking card; as card; not stretchable; plain; snap-on type; red | www.wago.com/793-501/000-005 |
| | **Item no.: 793-501/000-006**<br>WMB marking card; as card; not stretchable; plain; snap-on type; blue | www.wago.com/793-501/000-006 |
| | **Item no.: 793-501/000-007**<br>WMB marking card; as card; not stretchable; plain; snap-on type; gray | www.wago.com/793-501/000-007 |
| | **Item no.: 793-501/000-012**<br>WMB marking card; as card; not stretchable; plain; snap-on type; orange | www.wago.com/793-501/000-012 |
| | **Item no.: 793-501/000-017**<br>WMB marking card; as card; not stretchable; plain; snap-on type; light green | www.wago.com/793-501/000-017 |
| | **Item no.: 793-501/000-023**<br>WMB marking card; as card; not stretchable; plain; snap-on type; green | www.wago.com/793-501/000-023 |
| | **Item no.: 793-501/000-024**<br>WMB marking card; as card; not stretchable; plain; snap-on type; violet | www.wago.com/793-501/000-024 |
| | **Item no.: 793-5501**<br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white | www.wago.com/793-5501 |

**Item no.: 793-5501/000-002**

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| | WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow | www.wago.com/793-5501/000-002 |
| | **Item no.: 793-5501/000-005**<br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red | www.wago.com/793-5501/000-005 |
| | **Item no.: 793-5501/000-006**<br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue | www.wago.com/793-5501/000-006 |
| | **Item no.: 793-5501/000-007**<br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray | www.wago.com/793-5501/000-007 |
| | **Item no.: 793-5501/000-012**<br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange | www.wago.com/793-5501/000-012 |
| | **Item no.: 793-5501/000-014**<br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown | www.wago.com/793-5501/000-014 |
| | **Item no.: 793-5501/000-017**<br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green | www.wago.com/793-5501/000-017 |
| | **Item no.: 793-5501/000-023**<br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green | www.wago.com/793-5501/000-023 |
| | **Item no.: 793-5501/000-024**<br>WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet | www.wago.com/793-5501/000-024 |

**Carrier rail**

| | | |
|---|---|---|
|  | **Item no.: 210-112**<br>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.: 210-113**<br>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.: 210-114**<br>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 |
|  | **Item no.: 210-115**<br>Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored | www.wago.com/210-115 |
|  | **Item no.: 210-118**<br>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.: 210-196**<br>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 |
| | **Item no.: 210-197**<br>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**<br>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**<br>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**<br>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**<br>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**<br>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 |
| **Jumper** | | |
| | **Item no.: 2002-400**<br>TOPJOB®S endless jumper; for 2002 series; insulated; 2-way; light-gray | www.wago.com/2002-400 |
| | **Item no.: 2002-402**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way; light-gray | www.wago.com/2002-402 |
| | **Item no.: 2002-402/000-005**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way; red | www.wago.com/2002-402/000-005 |
| | **Item no.: 2002-402/000-006**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way; blue | www.wago.com/2002-402/000-006 |
| | **Item no.: 2002-403**<br>TOPJOB®S jumper; for 2002 series; insulated; 3-way; light-gray | www.wago.com/2002-403 |
| | **Item no.: 2002-403/000-005**<br>TOPJOB®S jumper; for 2002 series; insulated; 3-way; red | www.wago.com/2002-403/000-005 |
| | **Item no.: 2002-403/000-006**<br>TOPJOB®S jumper; for 2002 series; insulated; 3-way; blue | www.wago.com/2002-403/000-006 |
| | **Item no.: 2002-404**<br>TOPJOB®S jumper; for 2002 series; insulated; 4-way; light-gray | www.wago.com/2002-404 |

| | | |
|---|---|---|
| | Item no.: 2002-404/000-005<br>TOPJOB®S jumper; for 2002 series; insulated; 4-way; red | www.wago.com/2002-404/000-005 |
| | Item no.: 2002-404/000-006<br>TOPJOB®S jumper; for 2002 series; insulated; 4-way; blue | www.wago.com/2002-404/000-006 |
|  | Item no.: 2002-405<br>TOPJOB®S jumper; for 2002 series; insulated; 5-way; light-gray | www.wago.com/2002-405 |
|  | Item no.: 2002-405/000-005<br>TOPJOB®S jumper; for 2002 series; insulated; 5-way; red | www.wago.com/2002-405/000-005 |
|  | Item no.: 2002-405/000-006<br>TOPJOB®S jumper; for 2002 series; insulated; 5-way; blue | www.wago.com/2002-405/000-006 |
| | Item no.: 2002-405/011-000<br>TOPJOB®S jumper; Wye configuration; for 2002 series; insulated; 3-way (1-3-5); light-gray | www.wago.com/2002-405/011-000 |
|  | Item no.: 2002-406<br>TOPJOB®S jumper; for 2002 series; insulated; 6-way; light-gray | www.wago.com/2002-406 |
|  | Item no.: 2002-406/000-005<br>TOPJOB®S jumper; for 2002 series; insulated; 6-way; red | www.wago.com/2002-406/000-005 |
|  | Item no.: 2002-406/000-006<br>TOPJOB®S jumper; for 2002 series; insulated; 6-way; blue | www.wago.com/2002-406/000-006 |
|  | Item no.: 2002-406/020-000<br>TOPJOB®S jumper; Delta configuration; for 2002 series; insulated; 6-way (1-2, 3-4, 5-6); light-gray | www.wago.com/2002-406/020-000 |
| | Item no.: 2002-407<br>TOPJOB®S jumper; for 2002 series; insulated; 7-way; light-gray | www.wago.com/2002-407 |
|  | Item no.: 2002-407/000-005<br>TOPJOB®S jumper; for 2002 series; insulated; 7-way; red | www.wago.com/2002-407/000-005 |
|  | Item no.: 2002-407/000-006<br>TOPJOB®S jumper; for 2002 series; insulated; 7-way; blue | www.wago.com/2002-407/000-006 |
| | Item no.: 2002-408<br>TOPJOB®S jumper; for 2002 series; insulated; 8-way; light-gray | www.wago.com/2002-408 |

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|---|---|---|
| | **Item no.: 2002-408/000-005**<br>TOPJOB®S jumper; for 2002 series; insulated; 8-way; red | www.wago.com/2002-408/000-005 |
| | **Item no.: 2002-408/000-006**<br>TOPJOB®S jumper; for 2002 series; insulated; 8-way; blue | www.wago.com/2002-408/000-006 |
| | **Item no.: 2002-409**<br>TOPJOB®S jumper; for 2002 series; insulated; 9-way; light-gray | www.wago.com/2002-409 |
| | **Item no.: 2002-409/000-005**<br>TOPJOB®S jumper; for 2002 series; insulated; 9-way; red | www.wago.com/2002-409/000-005 |
| | **Item no.: 2002-409/000-006**<br>TOPJOB®S jumper; for 2002 series; insulated; 9-way; light-gray | www.wago.com/2002-409/000-006 |
|  | **Item no.: 2002-410**<br>TOPJOB®S jumper; for 2002 series; insulated; 10-way; light-gray | www.wago.com/2002-410 |
| | **Item no.: 2002-410/000-005**<br>TOPJOB®S jumper; for 2002 series; insulated; 10-way; red | www.wago.com/2002-410/000-005 |
| | **Item no.: 2002-410/000-006**<br>TOPJOB®S jumper; for 2002 series; insulated; 10-way; blue | www.wago.com/2002-410/000-006 |
| | **Item no.: 2002-423**<br>TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); light-gray | www.wago.com/2002-423 |
| | **Item no.: 2002-423/000-005**<br>TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); red | www.wago.com/2002-423/000-005 |
| | **Item no.: 2002-423/000-006**<br>TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); blue | www.wago.com/2002-423/000-006 |
| | **Item no.: 2002-433**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-3); light-gray | www.wago.com/2002-433 |
| | **Item no.: 2002-434**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-4); light-gray | www.wago.com/2002-434 |
| | **Item no.: 2002-435**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-5); light-gray | www.wago.com/2002-435 |
| | **Item no.: 2002-436**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-6); light-gray | www.wago.com/2002-436 |

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| | **Item no.: 2002-437**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-7); light-gray | www.wago.com/2002-437 |
| | **Item no.: 2002-438**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-8); light-gray | www.wago.com/2002-438 |
| | **Item no.: 2002-439**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-9); light-gray | www.wago.com/2002-439 |
| | **Item no.: 2002-440**<br>TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-10); light-gray | www.wago.com/2002-440 |
| | **Item no.: 2002-472**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 2-way; light-gray | www.wago.com/2002-472 |
| | **Item no.: 2002-473**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 3-way; light-gray | www.wago.com/2002-473 |
| | **Item no.: 2002-473/011-000**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; 2-way (preconfigured 1-3); light-gray | www.wago.com/2002-473/011-000 |
| | **Item no.: 2002-474**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 4-way; light-gray | www.wago.com/2002-474 |
| | **Item no.: 2002-475**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 5-way; light-gray | www.wago.com/2002-475 |
| | **Item no.: 2002-475/011-000**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 3-way (preconfigured 1-3-5); light-gray | www.wago.com/2002-475/011-000 |
| | **Item no.: 2002-476**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 6-way; light-gray | www.wago.com/2002-476 |
| | **Item no.: 2002-477**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 7-way; light-gray | www.wago.com/2002-477 |
|  | **Item no.: 2002-477/011-000**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 4-way (preconfigured 1-3-5-7); light-gray | www.wago.com/2002-477/011-000 |
| | **Item no.: 2002-478**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 8-way; light-gray | www.wago.com/2002-478 |
| | **Item no.: 2002-479**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 9-way; light-gray | www.wago.com/2002-479 |
| | **Item no.: 2002-479/011-000**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 5-way (preconfigured 1-3-5-7-9); light-gray | www.wago.com/2002-479/011-000 |
|  | **Item no.: 2002-480**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 10-way; light-gray | www.wago.com/2002-480 |

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| | **Item no.: 2002-481**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 11-way; light-gray | www.wago.com/2002-481 |
| | **Item no.: 2002-481/011-000**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 6-way (preconfigured 1-3-5-7-9-11); light-gray | www.wago.com/2002-481/011-000 |
| | **Item no.: 2002-482**<br>TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 12-way; light-gray | www.wago.com/2002-482 |
| | **Item no.: 210-103**<br>Wire commoning chain; insulated; black | www.wago.com/210-103 |
| | **Item no.: 210-123**<br>Wire commoning chain; insulated; blue | www.wago.com/210-123 |
| **Push-In type wire jumper** | | |
| | **Item no.: 2009-412**<br>TOPJOB®S wire jumper; insulated; 60 mm long; conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray | www.wago.com/2009-412 |
| | **Item no.: 2009-414**<br>TOPJOB®S wire jumper; insulated; 110 mm long; conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray | www.wago.com/2009-414 |
| | **Item no.: 2009-414/000-005**<br>Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black | www.wago.com/2009-414/000-005 |
| | **Item no.: 2009-414/000-006**<br>Push-in type wire jumper; insulated; 110 mm long; black | www.wago.com/2009-414/000-006 |
| | **Item no.: 2009-416**<br>TOPJOB®S wire jumper; insulated; 250 mm long; conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray | www.wago.com/2009-416 |
| **Insulation stop** | | |
| | **Item no.: 2002-171**<br>TOPJOB®S insulation stop; for 2002 series terminal blocks; 0.25 - 0.5 mm2; 5/strip; light gray | www.wago.com/2002-171 |
| | **Item no.: 2002-172**<br>TOPJOB®S insulation stop; for 2002 series terminal blocks; 0.75 - 1.0 mm2; 5/strip; dark gray | www.wago.com/2002-172 |
| **check** | | |
| | **Item no.: 2002-511**<br>TOPJOB® S modular connector; for 2002 series; for jumper contact slot; 1-pole; gray | www.wago.com/2002-511 |
| | **Item no.: 2002-549**<br>TOPJOB®S spacer module; for 2002-511; 5.2 mm wide; gray | www.wago.com/2002-549 |
| | **Item no.: 2002-552**<br>TOPJOB® S connector strip; for 2002 series; for jumper contact slot; 2-pole; gray | www.wago.com/2002-552 |

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| | **Item no.: 2002-553**<br>TOPJOB® S connector strip; for 2002 series; for jumper contact slot; 3-pole; gray | www.wago.com/2002-553 |
| | **Item no.: 2002-554**<br>TOPJOB® S connector strip; for 2002 series; for jumper contact slot; 4-pole; gray | www.wago.com/2002-554 |
| | **Item no.: 2002-555**<br>TOPJOB® S connector strip; for 2002 series; for jumper contact slot; 5-pole; gray | www.wago.com/2002-555 |
| | **Item no.: 2002-556**<br>TOPJOB® S connector strip; for 2002 series; for jumper contact slot; 6-pole; gray | www.wago.com/2002-556 |
| | **Item no.: 2002-557**<br>TOPJOB® S connector strip; for 2002 series; for jumper contact slot; 7-pole; gray | www.wago.com/2002-557 |
| | **Item no.: 2002-558**<br>TOPJOB® S connector strip; for 2002 series; for jumper contact slot; 8-pole; gray | www.wago.com/2002-558 |
| | **Item no.: 2002-559**<br>TOPJOB® S connector strip; for 2002 series; for jumper contact slot; 9-pole; gray | www.wago.com/2002-559 |
| | **Item no.: 2002-560**<br>TOPJOB® S connector strip; for 2002 series; for jumper contact slot; 10-pole; gray | www.wago.com/2002-560 |
| | **Item no.: 2002-611**<br>TOPJOB® S modular connector; for 2002 series; for conductor entry way; 1-pole; gray | www.wago.com/2002-611 |
| | **Item no.: 2002-649**<br>TOPJOB®S spacer module; for 2002-611; 5.2 mm wide; gray | www.wago.com/2002-649 |
| | **Item no.: 2009-174**<br>TOPJOB®S test plug adapter; for test plug 4 mm Ø; for testing TOPJOB®S terminal blocks; gray | www.wago.com/2009-174 |
| | **Item no.: 2009-182**<br>TOPJOB®S testing tap; tool-free; 12 AWG max; for testing TOPJOB®S terminal blocks; gray | www.wago.com/2009-182 |
| | **Item no.: 210-136**<br>Test plug; 2 mm Ø; with 500 mm cable | www.wago.com/210-136 |

## Downloads

### Documentation

**Additional Information**

| | | | |
|---|---|---|---|
| Technical explanations | 2019 Apr 3 | pdf<br>2.2 MB | Download |

## Environmental Product Compliance

**Compliance Search**

Environmental Product Compliance 2202-1981/1000-413

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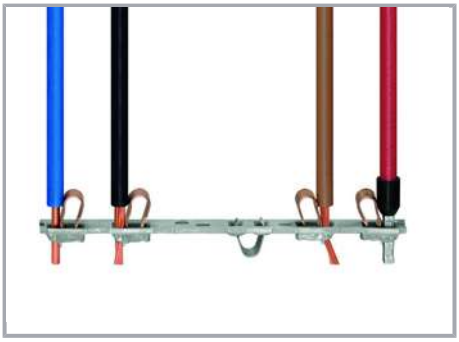
2-conductor fuse terminal block; for mini-automotive blade-style fuses; with test option; with push-button; with blown fuse indication by LED; 24 V; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray

## Installation Notes

### Conductor termination



All conductor types at a glance

Push-in termination of solid and ferruled conductors

Push-in termination of solid and ferruled conductors

Insert fine-stranded conductors via operating tool.

Removing all conductors via operating tool.

### Commoning



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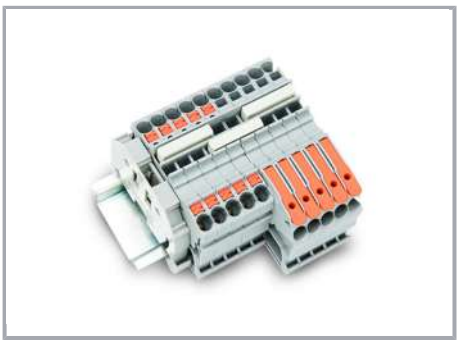


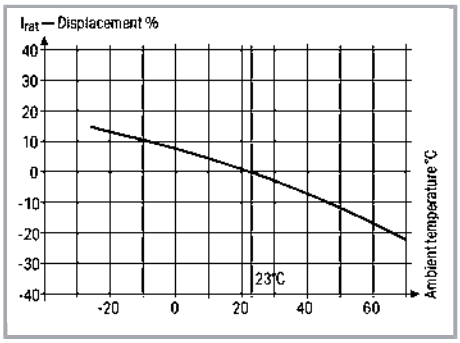
Insert a push-in type jumper bar and push down until it hits the backstop.

**Application Notes on Terminal Blocks for Glass Cartridge Fuses**

Diagram: “Individual Arrangement”

**Application Notes on Terminal Blocks for Glass Cartridge Fuses**

Diagram: “Block Arrangement”



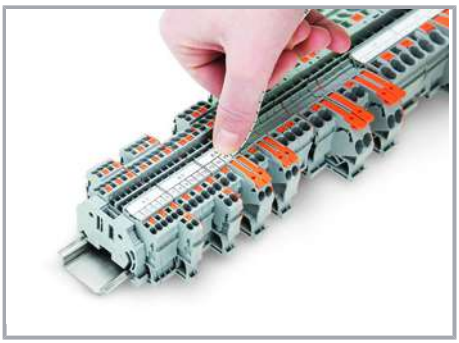

**Application Notes on Terminal Blocks for Glass Cartridge Fuses**

Nominal current ratings for fuse cartridges are defined differently in international standards. This is why the recommended continuous current-carrying capacity of the fuses is a max. 80% of their nominal current according to DIN 72581/Part 3 (for a surrounding air temperature of 23°C).

Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges will only operate perfectly as protection components (break-off point) if they are properly selected and used as intended (i.e., according to the state of the technology and valid specifications, as well as data sheet characteristics), according to basic safety requirements (i.e., persons, animals and property must be protected against hazards).

Concerning product safety, fuse cartridges must generally be tested under both normal and faulty operating conditions within your application.

### Marking



Snapping a marking strip into a marker slot.

Snapping a marking strip into the 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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