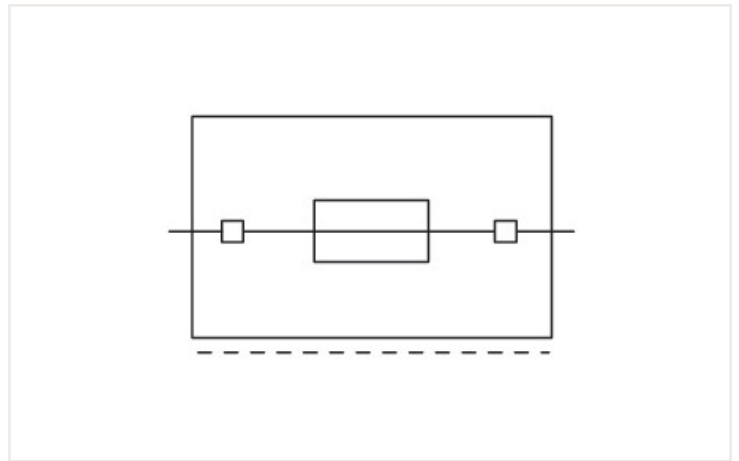
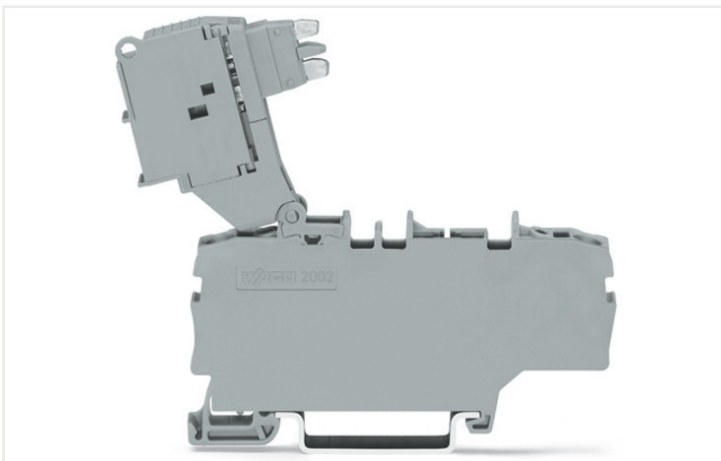
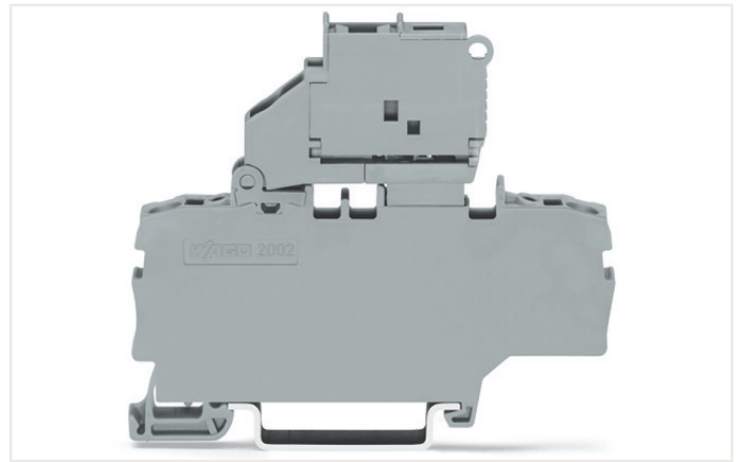
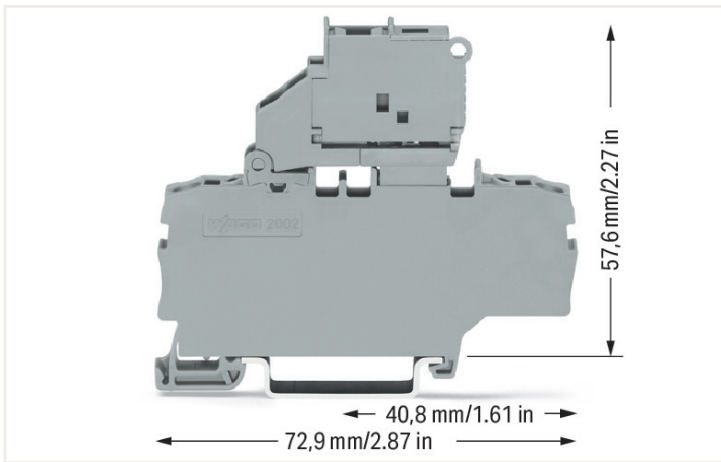


Data sheet | Item number: 2002-1911

2-conductor fuse terminal block; with pivoting fuse holder; with additional jumper position; for 5 x 20 mm miniature metric fuse; without blown fuse indication; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray



<https://www.wago.com/2002-1911>



Electrical data

| | |
|-----------------|-----------------------------|
| Fuse receptacle | pivoting |
| Fuse type | Cylindrical fuse; 5 x 20 mm |

Ratings per IEC/EN

| | |
|-------------------------------|-----------------------------------------------------------|
| Ratings per | IEC/EN 60947-7-3 |
| Ratings (note) | Electrical ratings are given by the fuse. |
| Nominal voltage (III/3) | 250 V |
| Rated impulse voltage (III/3) | 6 kV |
| Rated current | 6.3 A |
| Operation status indicator | none |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

Ratings per UL

| | |
|--------------------------------|---------|
| Approvals per | UL 1059 |
| Rated voltage UL (Use Group B) | 600 V |
| Rated current UL (Use Group B) | 6.3 A |
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 6.3 A |
| Rated voltage UL (Use Group D) | 600 V |
| Rated current UL (Use Group D) | 6.3 A |

Ratings per CSA

| | |
|---------------------------------|-----------------|
| Approvals per | CSA 22.2 No 158 |
| Rated voltage CSA (Use Group B) | 250 V |
| Rated current CSA (Use Group B) | 6.3 A |
| Rated voltage CSA (Use Group C) | 250 V |
| Rated current CSA (Use Group C) | 6.3 A |

Ex information

| | |
|----------------------------|---------------------------------------------------------------------------------------------------|
| Reference hazardous areas | See Downloads – Documentation – Additional Information: Technical Section; Technical explanations |
| Ratings per | ATEX: KIWA 17 ATEX 0030 U / IECEx: KIWA 17.0014U (Ex ec IIC Gc) |
| Rated voltage EN (Ex e II) | 275 V |
| Rated current (Ex e II) | 6.3 A |

Power loss

| | |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power loss (max.) $P_{I(max)}$ (note) | When selecting glass cartridge fuses, make sure that the maximum power loss listed below is not exceeded. The power loss is determined according to IEC or EN 60947-7-3/VDE 0611-6 at 23°C. The temperature rise of the terminal block must be checked according to their application and mounting. Higher ambient temperatures represent an additional impact on miniature fuses. Therefore, in such applications, the rated current must be reduced if necessary. More details are available from the manufacturers. |
| Power loss P_I max. overload and short-circuit protection (individual arrangement) | 1.6 W |
| Power loss P_I max. overload and short-circuit protection (group arrangement) | 1.6 W |
| Power loss P_I max. short-circuit protection (individual arrangement) | 2.5 W |
| Power loss P_I max. short-circuit protection (group arrangement) | 2.5 W |

Connection data

| | |
|-----------------------------------|---|
| Total number of connection points | 2 |
| Total number of potentials | 1 |
| Number of levels | 1 |
| Number of jumper slots | 3 |

Connection 1

| | |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool |
| Connectable conductor materials | Copper |
| Nominal cross-section | 2.5 mm ² |
| Solid conductor | 0.25 ... 4 mm ² / 18 ... 12 AWG |
| Solid conductor; push-in termination | 0.75 ... 4 mm ² / 18 ... 12 AWG |
| Fine-stranded conductor | 0.25 ... 4 mm ² / 22 ... 12 AWG |
| Fine-stranded conductor; with insulated ferrule | 0.25 ... 2.5 mm ² / 22 ... 14 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 1 ... 2.5 mm ² / 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 inches |
| Wiring direction | Front-entry wiring |

Physical data

| | |
|-----------------------------------|------------------------|
| Width | 6.2 mm / 0.244 inches |
| Height | 72.9 mm / 2.87 inches |
| Depth from upper-edge of DIN-rail | 57.6 mm / 2.268 inches |

Mechanical data

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

Material data

| | |
|-----------------------------|----------------------------------------------------------------|
| Note (material data) | Information on material data can be found here |
| Color | gray |
| Material group | I |
| Insulation material | Polyamide (PA66) |
| Flammability class per UL94 | V0 |
| Fire load | 0.244 MJ |
| Weight | 14.2 g |

Environmental requirements

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

Commercial data

| | |
|-------------------------------------|---------------|
| Product Group | 22 (TOPJOB S) |
| eCl@ss 10.0 | 27-14-11-16 |
| eCl@ss 9.0 | 27-14-11-16 |
| ETIM 8.0 | EC000899 |
| ETIM 7.0 | EC000899 |
| PU (SPU) | 50 Stück |
| Packaging type | Box |
| Country of origin VKOrg Germany | DE |
| GTIN | 4050821089032 |
| Customs tariff number VKOrg Germany | 85369095000 |

Approvals and certificates

Ex-Approvals



| Approval | Standard | Certificate name |
|---------------------------------------|-------------|--------------------------------------|
| AEx Underwriters Laboratories Inc. | UL 60079 | E185892 (AEx eb IIC resp. Ex eb IIC) |
| ATEX KIWA Netherlands B.V. | EN 60079 | KIWA 17ATEX0030 U |
| CCCEX CQST/CNEX | CNCA-C23-01 | 2020312313000180 |
| IECEX KIWA Netherlands B.V. | EN 60079 | IECEX KIWA 17.0014U (Ex ec IIC Gc) |

Country specific Approvals



| Approval | Standard | Certificate name |
|---------------------------------|---------------|------------------|
| CCA DEKRA Certification B.V. | EN 60947 | 71-120369 |
| CCA DEKRA Certification B.V. | C22.2 No. 158 | 1536069 |
| CCA DEKRA Certification B.V. | EN 60947 | NTR NL 7892 |

Ship Approvals



| Approval | Standard | Certificate name |
|-------------------------------------------------------|----------|------------------|
| ABS American Bureau of Ship- ping | EN 60947 | 20-HG1941090-PDA |
| DNV GL Det Norske Veritas, Ger- manischer Lloyd | - | TAE00001V2 |

UL-Approvals



| Approval | Standard | Certificate name |
|-----------------------------------------|----------|------------------|
| UL Underwriters Laboratories Inc. | UL 1059 | E45172 |

Downloads

Environmental Product Compliance

| | |
|--------------------------------------------|-------------------|
| Compliance Search | |
| Environmental Product Compliance 2002-1911 | ↓ |

Documentation

| | | |
|------------------------|-------------------|-------------------|
| Additional Information | | |
| Technical Section | pdf 2142.18 KB | ↓ |

| | | | |
|-----------|------------|------------------|-------------------|
| Bid Text | | | |
| 2002-1911 | 23.04.2019 | xml 4.08 KB | ↓ |
| 2002-1911 | 23.04.2019 | docx 15.40 KB | ↓ |

CAD/CAE-Data

| | |
|------------------------|-------------------|
| CAD data | |
| 2D/3D Models 2002-1911 | ↓ |

| | |
|-----------------------------|-------------------|
| CAE data | |
| EPLAN Data Portal 2002-1911 | ↓ |
| WSCAD Universe 2002-1911 | ↓ |
| ZUKEN Portal 2002-1911 | ↓ |

1 Compatible products

1.1 Optional accessories

1.1.1 DIN-rail

1.1.1.1 Mounting accessories

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | |
| <p>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</p> | <p>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</p> | <p>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</p> | <p>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</p> |
| | | | |
| <p>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</p> | <p>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</p> | <p>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</p> | <p>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; silver-colored</p> |
| | | | |
| <p>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</p> | <p>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</p> | <p>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</p> | <p>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</p> |

1.1.2 End plate

1.1.2.1 End plate



Item no.: 2002-991

End plate for fuse terminal blocks; 2 mm thick; gray



Item no.: 2002-992

End plate for fuse terminal blocks; 2 mm thick; orange



Item no.: 209-191

Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange

1.1.3 Ferrule

1.1.3.1 Ferrule



Item no.: 216-241

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



Item no.: 216-242

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



Item no.: 216-262

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



Item no.: 216-243

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item no.: 216-263

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red



Item no.: 216-244

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



Item no.: 216-264

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



Item no.: 216-246

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



Item no.: 216-266

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

1.1.4 Installation

1.1.4.1 Mounting accessories



Item no.: 709-169

Cover carrier; Type 3; gray



Item no.: 709-156

Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

1.1.5 Insulation stop

1.1.5.1 Insulation stop



Item no.: 2002-171

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray



Item no.: 2002-172

Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

1.1.6 Jumper

1.1.6.1 Jumper



Item no.: 2004-406/020-000
Delta jumper; insulated; light gray

Item no.: 2004-410
Jumper; 10-way; insulated; light gray

Item no.: 2004-402
Jumper; 2-way; insulated; light gray

Item no.: 2004-403
Jumper; 3-way; insulated; light gray



Item no.: 2004-404
Jumper; 4-way; insulated; light gray

Item no.: 2004-405
Jumper; 5-way; insulated; light gray

Item no.: 2004-406
Jumper; 6-way; insulated; light gray

Item no.: 2004-407
Jumper; 7-way; insulated; light gray



Item no.: 2004-408
Jumper; 8-way; insulated; light gray

Item no.: 2004-409
Jumper; 9-way; insulated; light gray

Item no.: 2004-440
Jumper; from 1 to 10; insulated; light gray

Item no.: 2004-433
Jumper; from 1 to 3; insulated; light gray



Item no.: 2004-434
Jumper; from 1 to 4; insulated; light gray

Item no.: 2004-435
Jumper; from 1 to 5; insulated; light gray

Item no.: 2004-436
Jumper; from 1 to 6; insulated; light gray

Item no.: 2004-437
Jumper; from 1 to 7; insulated; light gray



Item no.: 2004-438
Jumper; from 1 to 8; insulated; light gray

Item no.: 2004-439
Jumper; from 1 to 9; insulated; light gray

Item no.: 2004-405/011-000
Star point jumper; 3-way; insulated; light gray

Item no.: 210-103
Wire commoning chain; insulated; black



Item no.: 210-123
Wire commoning chain; insulated; blue

1.1.7 Locking system

1.1.7.1 Locking system



Item no.: 210-254
Interlocking link; mechanically locks multiple links; 1 m long; transparent

1.1.8 Marking

1.1.8.1 Group marker carrier



Item no.: 2009-191
Group marker carrier; gray

Item no.: 2009-192
Group marker carrier; gray

Item no.: 2009-193
Group marker carrier; gray

1.1.8.2 Marker



Item no.: 2009-145/000-006
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

Item no.: 2009-145/000-007
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

Item no.: 2009-145/000-023
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item no.: 2009-145/000-012
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item no.: 2009-145/000-005
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

Item no.: 2009-145/000-024
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Item no.: 2009-145
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item no.: 2009-145/000-002
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.1.8.2 Marker



Item no.: 248-501/000-006
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue



Item no.: 248-501/000-007
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray



Item no.: 248-501/000-023
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green



Item no.: 248-501/000-017
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



Item no.: 248-501/000-012
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange



Item no.: 248-501/000-005
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red



Item no.: 248-501/000-024
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet



Item no.: 248-501
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



Item no.: 248-501/000-022
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow



Item no.: 793-5501/000-006
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item no.: 793-5501/000-014
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown



Item no.: 793-5501/000-007
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item no.: 793-5501/000-023
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item no.: 793-5501/000-017
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item no.: 793-5501/000-012
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item no.: 793-5501/000-005
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red



Item no.: 793-5501/000-024
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item no.: 793-5501
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item no.: 793-5501/000-002
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



Item no.: 793-501/000-006
WMB marking card; as card; not stretchable; plain; snap-on type; blue



Item no.: 793-501/000-007
WMB marking card; as card; not stretchable; plain; snap-on type; gray



Item no.: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type; green



Item no.: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type; light green



Item no.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type; orange



Item no.: 793-501/000-005
WMB marking card; as card; not stretchable; plain; snap-on type; red



Item no.: 793-501/000-024
WMB marking card; as card; not stretchable; plain; snap-on type; violet



Item no.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type; white



Item no.: 793-501/000-002
WMB marking card; as card; not stretchable; plain; snap-on type; yellow



Item no.: 2009-115/000-006
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item no.: 2009-115/000-007
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item no.: 2009-115/000-023
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item no.: 2009-115/000-017
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item no.: 2009-115/000-012
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item no.: 2009-115/000-005
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red



Item no.: 2009-115/000-024
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item no.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item no.: 2009-115/000-002
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.1.8.3 Marker carrier



Item no.: [2009-198](#)

Adaptor; gray

1.1.8.4 Marking strip



Item no.: [2009-110](#)

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

1.1.9 Protective warning marker

1.1.9.1 Cover



Item no.: [2002-115](#)

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

1.1.10 Push-in type wire jumper

1.1.10.1 Jumper



Item no.: [2009-414](#)

Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black



Item no.: [2009-414/000-005](#)

Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black



Item no.: [2009-416](#)

Push-in type wire jumper; 1.5 mm²; insulated; 250 mm long; black



Item no.: [2009-414/000-006](#)

Push-in type wire jumper; insulated; 110 mm long; black



Item no.: [2009-412](#)

Push-in type wire jumper; insulated; 60 mm long; black

1.1.11 Test and measurement

1.1.11.1 Testing accessories



Item no.: [210-136](#)

Test plug; 2 mm Ø; with 500 mm cable; red

1.1.12 Tool

1.1.12.1 Operating tool



Item no.: 210-658

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured

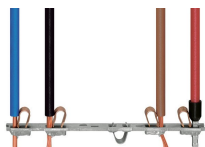


Item no.: 210-720

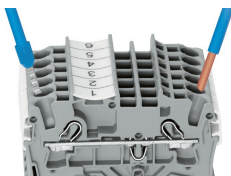
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation notes

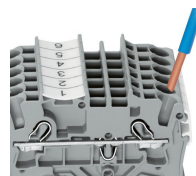
Conductor termination



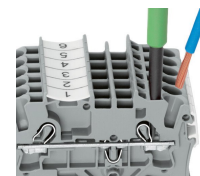
All conductor types at a glance



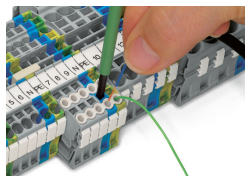
Push-in termination of solid and ferruled conductors



Inserting a conductor via push-in termination:
Solid conductors with cross-sections from either one size above, or up to two sizes below, the rated cross-section can be simply pushed in – no tools needed.

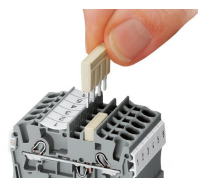


Inserting a conductor via operating tool:
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.
Advantage:
To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.

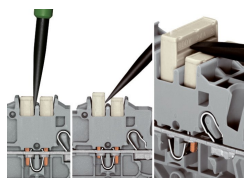


Conductor termination – insulation stop

Commoning



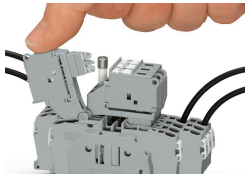
Insert push-in type jumper bar and push down until it hits backstop.



Removing a push-in type jumper bar:
Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

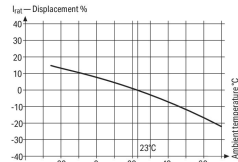
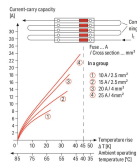
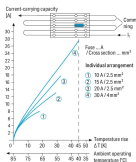


Fuse terminal blocks with a width of 6.2 mm/0.244 in can be assembled adjacently. If there is no adjacent fuse terminal block at the end of the assembly, an end plate must be used.



Fused Disconnect Terminal Block with a Pivoting Fuse Holder
Pivot the fuse holder into the locked open position.

Fused disconnect terminal block with a pivoting fuse holder
Fuse replacement



Information from the mini-automotive, blade-type fuse manufacturers

| Standard | % | F_1 |
|----------|-----|-------|
| 15 | 14 | 0.877 |
| 15 | 15 | 0.884 |
| 15 | 17 | 0.893 |
| 15 | 18 | 0.901 |
| 15 | 20 | 0.911 |
| 15 | 22 | 0.921 |
| 15 | 25 | 0.933 |
| 15 | 30 | 0.949 |
| 15 | 35 | 0.966 |
| 15 | 40 | 0.984 |
| 15 | 45 | 1.003 |
| 15 | 50 | 1.023 |
| 15 | 55 | 1.044 |
| 15 | 60 | 1.066 |
| 15 | 65 | 1.089 |
| 15 | 70 | 1.113 |
| 15 | 75 | 1.139 |
| 15 | 80 | 1.165 |
| 15 | 85 | 1.193 |
| 15 | 90 | 1.222 |
| 15 | 95 | 1.252 |
| 15 | 100 | 1.282 |

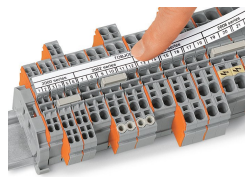
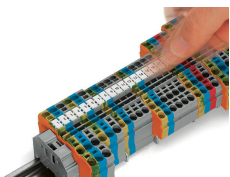
Application Notes on Terminal Blocks for Glass Cartridge Fuses
Diagram: "Individual Arrangement"

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 WMB Inline markers into marker slots.