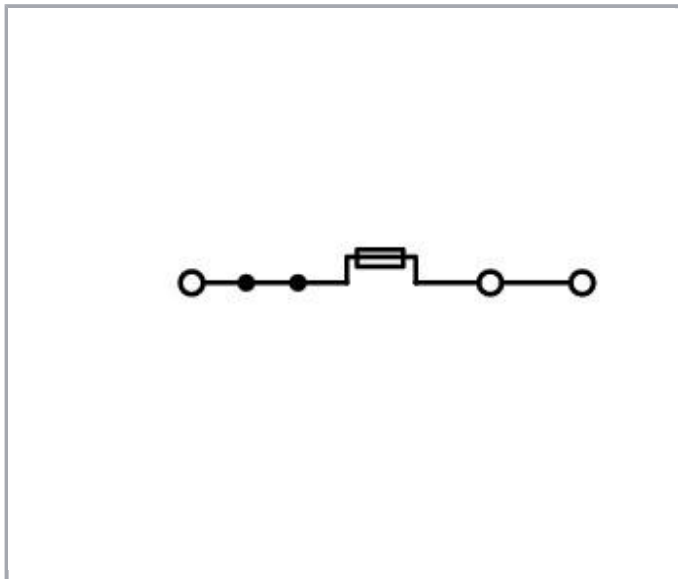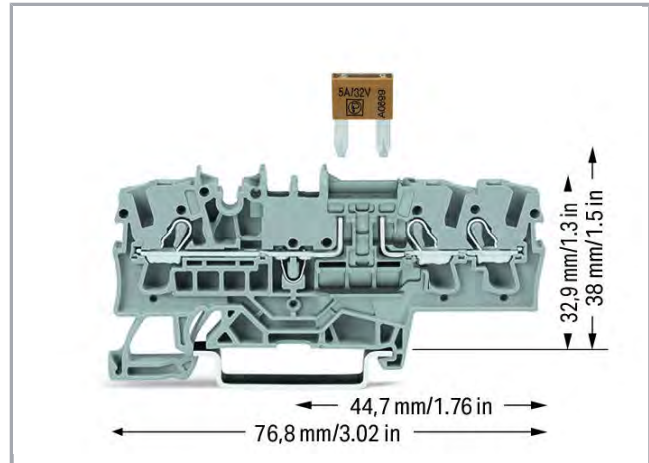3-conductor fuse terminal block; for mini-automotive blade-style fuses; per DIN 7258-3f, ISO 8820-3; with test option; without blown fuse indication; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; gray

RoHS ✓
Compliant

BOMcheck.net

Color: ▪

Item description

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

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

Data
Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60947-7-3
Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated current	10 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	10 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	10 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A
Approvals per	UL 1059

Approvals per CSA

Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	10 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	10 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-in Open Tool Slot
Connectable conductor materials	Copper
Nominal cross section	2,5 mm²

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

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 ferrule with plastic collar	1 … 2,5 mm² / 18 … 12 AWG
Fine-stranded conductor with ferrule, push-in termination, from	1 … 2,5 mm² / 18 … 12 AWG
Strip length	10 … 12 mm / 0.39 … 0.47 inch
Total number of connection points	3
Total number of potentials	2
Number of levels	1
Type of wiring	Front-entry wiring
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Number of jumper slots	2

Geometrical Data

Width	5,2 mm / 0.205 inch
Height from upper-edge of DIN-35 rail	32,9 mm / 1.295 inch
Depth	76,8 mm / 3.024 inch

Mechanical data

Design	horizontal type
Type of mounting	DIN-35 rail
Marking level	Center/side marking

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.172 MJ
Weight	8.2 g

Commercial data

Product Group	22 (TOPJOB S)
Packaging type	BOX
Country of origin	CN
GTIN	4050821707592
Customs Tariff No.	85369095990

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

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
CCA	**CCA** DEKRA Certification B.V.	EN 60947	NTR NL 7730
CSA	**CSA** DEKRA Certification B.V.	C22.2	1536069
KEMA KEUR	**KEMA/KEUR** DEKRA Certification B.V.	EN 60947	71-107687

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
ABS	**ABS** American Bureau of Shipping	EN 60947	20-HG1941090-PDA
DNV-GL	**DNV GL** Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
UL	**UR** Underwriters Laboratories Inc.	UL 1059	E45172

Counterpart

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

Compatible products

Protective Warning Marker

Item no.: 2002-115
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

tools

Item no.: 210-658
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short

Item no.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

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

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.: 216-243
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.: 216-244
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.: 216-246
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.: 216-262
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight

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

crimped; acc. to DIN 46228, Part 4/09.90; gray

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.: 216-264
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.: 216-266
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

Carrier rail

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

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

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

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

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

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

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

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

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

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

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

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

Marking accessories

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

Item no.: 2002-121
Adaptor

Item no.: 2002-161
Adaptor

Item no.: 2009-110
Marking strips; on reel; not stretchable; plain; snap-on type; white

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

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.: 2009-115/000-006
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.: 2009-115/000-012
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

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

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

Item no.: 2009-115/000-024
WMB-Inline; for Smart Printer; 1500 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

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

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

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.: 2009-145/000-012

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

Item no.: 2009-145/000-023

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item no.: 2009-145/000-024

Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Item no.: 2009-191

Group marker carrier

Item no.: 2009-192

Group marker carrier

Item no.: 2009-193

Group marker carrier

Item no.: 2009-198

Adaptor

Item no.: 248-501

Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card

Item no.: 248-501/000-002

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow

Item no.: 248-501/000-005

Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red

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

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

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

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

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

Item no.: 248-501/000-024
Mini-WSB 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.: 793-501/000-005
WMB marking card; as card; not stretchable; plain; snap-on type; red

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.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type; orange

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

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

Item no.: 793-501/000-024
WMB marking card; as card; not stretchable; 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

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

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.: 793-5501/000-005
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.: 793-5501/000-006
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.: 793-5501/000-007
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.: 793-5501/000-012
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.: 793-5501/000-014
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.: 793-5501/000-017
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.: 793-5501/000-023
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.: 793-5501/000-024
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Push-In type wire jumper

Item no.: 2009-412
Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; black

Item no.: 2009-414
Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; black

Item no.: 2009-416
Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 Series rail-mounted terminal blocks; black

End plate

Item no.: 2002-1791
End and intermediate plate; 1 mm thick; gray

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

Item no.: 2002-1792
End and intermediate plate; 1 mm thick; orange

check

Item no.: 2002-511
Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm²; gray

Item no.: 2002-549
Spacer module; modular; e.g., for bridging commoned terminal blocks; gray

Item no.: 2002-552
Modular TOPJOB®S connector; modular; for jumper contact slot; 2-pole; 2,50 mm²; gray

Item no.: 2002-553
Modular TOPJOB®S connector; modular; for jumper contact slot; 3-pole; 2,50 mm²; gray

Item no.: 2002-554
Modular TOPJOB®S connector; modular; for jumper contact slot; 4-pole; 2,50 mm²; gray

Item no.: 2002-555
Modular TOPJOB®S connector; modular; for jumper contact slot; 5-pole; 2,50 mm²; gray

Item no.: 2002-556
Modular TOPJOB®S connector; modular; for jumper contact slot; 6-pole; 2,50 mm²; gray

Item no.: 2002-557
Modular TOPJOB®S connector; modular; for jumper contact slot; 7-pole; 2,50 mm²; gray

Item no.: 2002-558
Modular TOPJOB®S connector; modular; for jumper contact slot; 8-pole; 2,50 mm²; gray

Item no.: 2002-559
Modular TOPJOB®S connector; modular; for jumper contact slot; 9-pole; 2,50 mm²; gray

Item no.: 2002-560
Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 2,50 mm²; gray

Item no.: 2002-611
TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm²; gray

Item no.: 2002-649
TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray

Item no.: 2009-174
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray

Item no.: 2009-182
Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

Item no.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red

Jumper

Item no.: 2002-400

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

Adjacent jumper for continuous commoning; insulated; 2-way; Nominal current 25 A; light gray

Item no.: 2002-402
Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; light gray

Item no.: 2002-402/000-005
Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; red

Item no.: 2002-402/000-006
Push-in type jumper bar; insulated; 2-way; Nominal current 25 A; blue

Item no.: 2002-403
Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; light gray

Item no.: 2002-403/000-005
Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; red

Item no.: 2002-403/000-006
Push-in type jumper bar; insulated; 3-way; Nominal current 25 A; blue

Item no.: 2002-404
Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; light gray

Item no.: 2002-404/000-005
Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; red

Item no.: 2002-404/000-006
Push-in type jumper bar; insulated; 4-way; Nominal current 25 A; blue

Item no.: 2002-405
Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; light gray

Item no.: 2002-405/000-005
Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; red

Item no.: 2002-405/000-006
Push-in type jumper bar; insulated; 5-way; Nominal current 25 A; blue

Item no.: 2002-405/011-000
Star point jumper; insulated; 3-way (1-3-5); IN = IN terminal block; light gray

Item no.: 2002-406
Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; light gray

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

Item no.: 2002-406/000-005
Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; red

Item no.: 2002-406/000-006
Push-in type jumper bar; insulated; 6-way; Nominal current 25 A; blue

Item no.: 2002-406/020-000
Delta jumper; insulated; 1-2 3-4 5-6; IN = IN terminal block; light gray

Item no.: 2002-407
Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; light gray

Item no.: 2002-407/000-005
Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; red

Item no.: 2002-407/000-006
Push-in type jumper bar; insulated; 7-way; Nominal current 25 A; blue

Item no.: 2002-408
Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; light gray

Item no.: 2002-408/000-005
Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; red

Item no.: 2002-408/000-006
Push-in type jumper bar; insulated; 8-way; Nominal current 25 A; blue

Item no.: 2002-409
Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; light gray

Item no.: 2002-409/000-005
Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; red

Item no.: 2002-409/000-006
Push-in type jumper bar; insulated; 9-way; Nominal current 25 A; blue

Item no.: 2002-410
Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; light gray

Item no.: 2002-410/000-005
Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; red

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

Item no.: 2002-410/000-006
Push-in type jumper bar; insulated; 10-way; Nominal current 25 A; blue

Item no.: 2002-423
Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; light gray

Item no.: 2002-423/000-005
Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; red

Item no.: 2002-423/000-006
Adjacent jumper for continuous commoning; insulated; from 1 to 3; Nominal current 25 A; blue

Item no.: 2002-433
Push-in type jumper bar; insulated; from 1 to 3; Nominal current 25 A; light gray

Item no.: 2002-434
Push-in type jumper bar; insulated; from 1 to 4; Nominal current 25 A; light gray

Item no.: 2002-435
Push-in type jumper bar; insulated; from 1 to 5; Nominal current 25 A; light gray

Item no.: 2002-436
Push-in type jumper bar; insulated; from 1 to 6; Nominal current 25 A; light gray

Item no.: 2002-437
Push-in type jumper bar; insulated; from 1 to 7; Nominal current 25 A; light gray

Item no.: 2002-438
Push-in type jumper bar; insulated; from 1 to 8; Nominal current 25 A; light gray

Item no.: 2002-439
Push-in type jumper bar; insulated; from 1 to 9; Nominal current 25 A; light gray

Item no.: 2002-440
Push-in type jumper bar; insulated; from 1 to 10; Nominal current 25 A; light gray

Item no.: 2002-472
Staggered jumper; insulated; 2-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-473
Staggered jumper; insulated; 3-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-473/011-000
Ready-made staggered jumper; insulated; 2-way (1-3); Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray

Item no.: 2002-474
Staggered jumper; insulated; 4-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-475

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

Staggered jumper; insulated; 5-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-475/011-000
Ready-made staggered jumper; insulated; 3-way (1-3-5); Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray

Item no.: 2002-476
Staggered jumper; insulated; 6-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-477
Staggered jumper; insulated; 7-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-477/011-000
Ready-made staggered jumper; insulated; 1-3-5-7; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray

Item no.: 2002-478
Staggered jumper; insulated; 8-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-479
Staggered jumper; insulated; 9-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-479/011-000
Ready-made staggered jumper; insulated; 1-3-5-7-9; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray

Item no.: 2002-480
Staggered jumper; insulated; 10-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-481
Staggered jumper; insulated; 11-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 2002-481/011-000
Ready-made staggered jumper; insulated; 1-3-5-7-9-11; Nominal current 25 A; with contact lugs broken off at the factory and circuit marking; light gray

Item no.: 2002-482
Staggered jumper; insulated; 12-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

Item no.: 210-103
Wire commoning chain; insulated; 50 connections; black

Item no.: 210-123
Wire commoning chain; insulated; 50 connections

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

Downloads
Documentation

Additional Information

Technical explanations   Apr 3, 2019

CAD/CAE-Data

CAD data

2D/3D Models 2002-1781
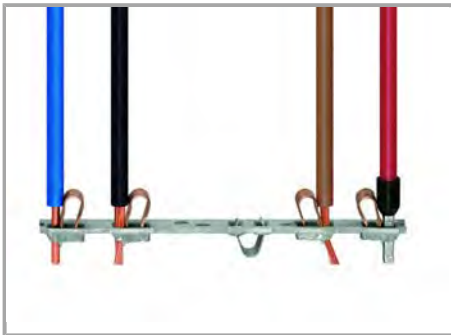

CAE data

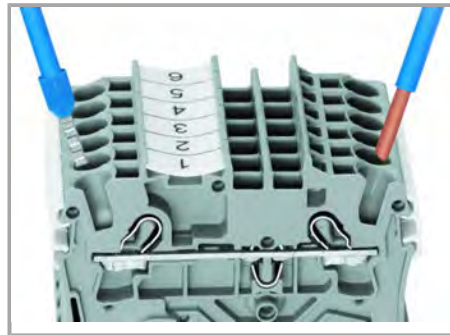EPLAN Data Portal 2002-1781

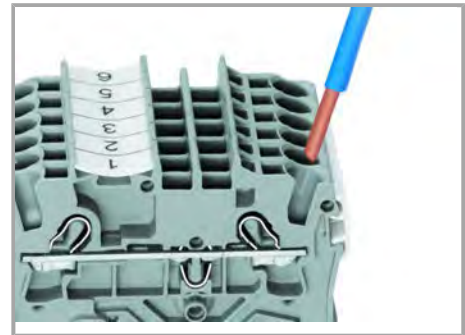WSCAD Universe 2002-1781

Installation Notes

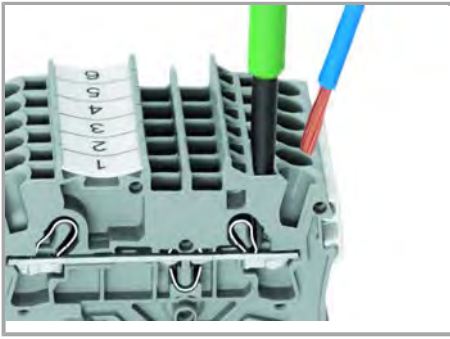**Conductor termination**

All conductor types at a glance

Terminating solid and ferruled conductors via push-in connection.
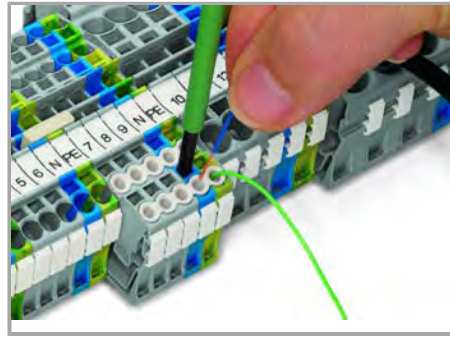

Inserting conductors via push-in termination.

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.

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

Inserting a conductor via operating tool.
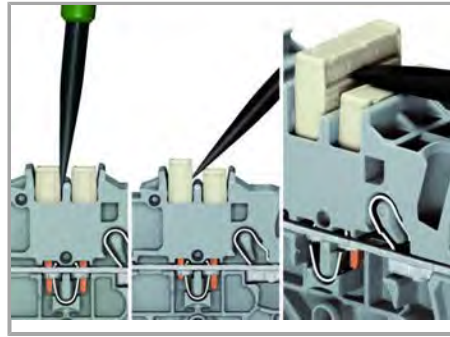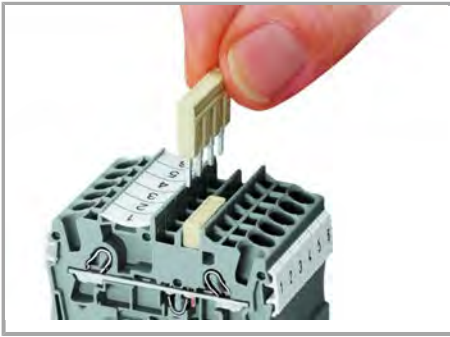

Conductor termination – Insulation stop.

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.

The smart feature:

To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.

Commoning

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

Removing a push-in type jumper bar.

The push-in type jumper bar system is based on the common plug and socket principle. Each terminal block is spring-loaded with a double socket and a resilient CrNi steel spring. The jumper contact material is pure electrolytic copper, which allows for an extremely small design capable of carrying the full-rated current of the terminal block. Ground terminal blocks can also be commoned using the same jumper system. Custom jumpers are created by breaking and removing jumper contacts (2000, 2001, 2002, 2004 Series).

Insert the operating tool between the jumper and and partition wall of the dual jumper slots, then lift up the jumper.

Place the operating tool in the center of jumpers up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

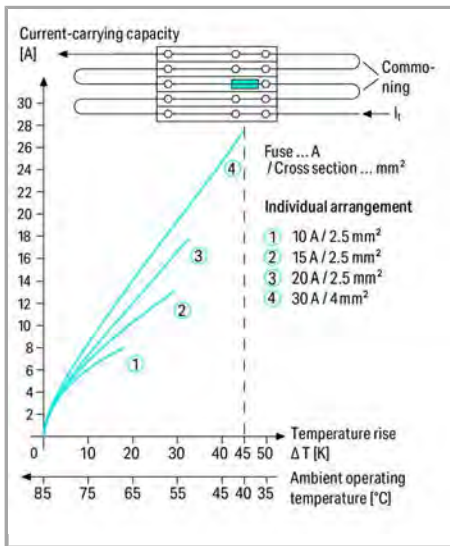Subject to changes. Please also observe the further product documentation!

Selecting the correct fuse cartridge is important for product safety within applications, as well as for fuse cartridge service life and reliability. Fuse cartridges can operate perfectly as protection (break-off point) if they are properly selected and used according to manufacturer specifications.

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).
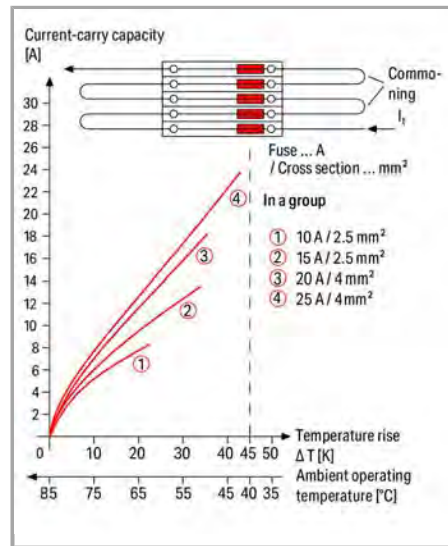
With regard to product safety, fuse cartridges must generally be tested both under normal and faulty operating conditions within your application.
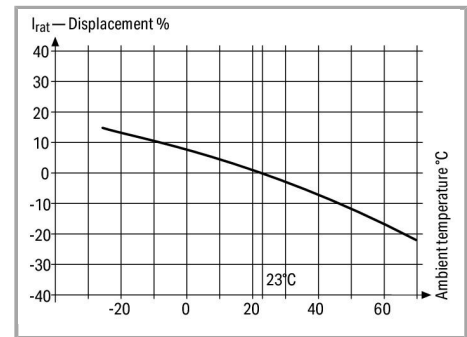
Application Notes on Terminal Blocks for Miniature Metric Fuses

Diagram: Individual arrangement

Application Notes on Terminal Blocks for Miniature Metric Fuses

Diagram: Block arrangement

Application Notes on Terminal Blocks for Miniature Metric 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 max. 80 % of their nominal current according to DIN 72581/Part 3 (for an ambient operating 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).
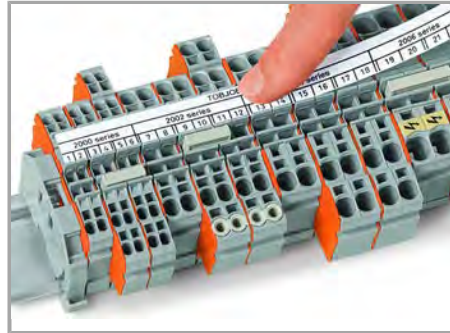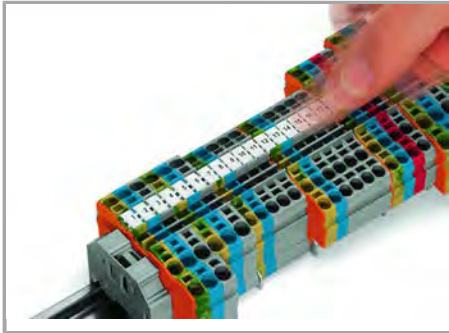
Subject to changes. Please also observe the further product documentation!

Information from the mini-automotive, blade-type fuse manufacturers		
Derating T_{amb} /°C	%	F_T
− 25	14	0.877
− 20	13	0.885
− 15	12	0.893
− 10	11	0.901
− 5	10	0.909
0	9	0.917
5	8	0.926
10	6	0.943
15	4	0.962
20	2	0.980
23	0	1.000
30	− 2	1.020
35	− 4	1.042
40	− 6	1.064
45	− 8	1.087
50	− 10	1.111
55	− 13	1.149
60	− 16	1.190
65	− 19	1.235
70	− 22	1.282

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

Marking

Snapping WMB Inline markers into marker slots.

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!