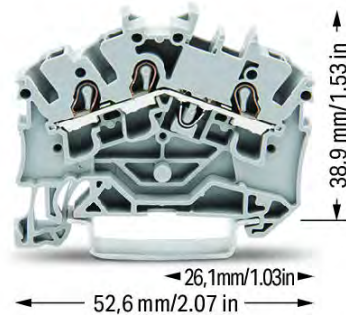3-conductor through terminal block; 2.5 mm²; suitable for Ex e II applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; gray

RoHS ✓ Compliant   BOMcheck.net   Color: ▪

38,9 mm/1.53 in

26,1mm/1.03in
52,6 mm/2.07 in

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

Item description

Safety information 1:
An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block and vice versa.

Data
Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60947-7-1
Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 kV
Rated current	24 A
Rated current (2)	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Approvals per UL 1059

Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	20 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	20 A
Approvals per	UL 1059

Approvals per CSA

Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	20 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	20 A

Approvals Ex

Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	22 A
Rated current (Ex e II) with jumper	20 A

Connection data

Connection technology	Push-in CAGE CLAMP®

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

Actuation type	Push-in 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 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	1
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	38,9 mm / 1.531 inch
Depth	52,6 mm / 2.071 inch

Mechanical data

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

Material Data

Color	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.123 MJ
Weight	5.6 g

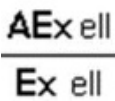## Commercial data

Product Group	22 (TOPJOB S)
Packaging type	BOX

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

Country of origin	CN
GTIN	4044918964920
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
AEx ell / Ex ell	**AEx** Underwriters Laboratories Inc.	UL 60079	20190704-E185892
(Ex)	**ATEx** Physikalisch Technische Bundesanstalt (PTB)	EN 60079	PTB 03 ATEX 1162 U (II 2 G/D Ex e II bzw. I M 2 Ex e I)
IECEx	**IECEx** Physikalisch Technische Bundesanstalt	IEC 60079	IECEx PTB 03.0004U (Ex eb IIC Gb or Ex eb I Mb)

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 No. 158	1536069
KEMA KEUR	**KEMA/KEUR** DEKRA Certification B.V.	EN 60947	71-107687

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name

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

	ABS	EN 60947	20-HG1941090-PDA
	American Bureau of Shipping		
	BV	EN 60947	38586/A0 BV
	Bureau Veritas S.A.		
	DNV GL	-	TAE00001V2
	Det Norske Veritas, Germanischer Lloyd		

UL-Approvals

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

Counterpart

Compatible products

End plate

	Item no.: 2002-6391
	End and intermediate plate; 0.8 mm thick; gray
	Item no.: 2002-6392
	End and intermediate plate; 0.8 mm thick; orange
	Item no.: 209-191
	Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange

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

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

Jumper

Item no.: 2002-400
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

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

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

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

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

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

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

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

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

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

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

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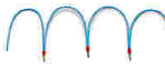
Item no.: 2002-482
Staggered jumper; insulated; 12-way; Nominal current 25 A; suitable for 2002 and 2003 Series rail-mounted terminal blocks; light gray

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

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

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

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

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

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

Protective Warning Marker

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

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

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

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 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

Marking accessories

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

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

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

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Item no.: 2009-145

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

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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

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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

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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

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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

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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

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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

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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

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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

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Item no.: 248-501/000-002

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

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

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

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

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

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

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

Insulation stop

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

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

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.: 2009-414/000-005
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; red

Item no.: 2009-414/000-006
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; blue

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

plug

Item no.: 2002-880
Empty component plug housing; 10.4 mm wide; 2-pole; Type 4; gray

Item no.: 2002-880/1000-411
Component plug; 2-pole; with diode 1N4007; 10.4 mm wide; Operating temperature 85°C max.; gray

Item no.: 2002-880/1000-541
Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray

Item no.: 2002-880/1000-542
LED module; with red LED; 10.4 mm wide; 30 - 65 V; Operating temperature 85°C max.

Item no.: 2002-880/1000-836
Component plug; 2-pole; LED (red); 10.4 mm wide; Operating temperature 85°C max.; gray

Downloads
Documentation

Additional Information

Technical explanations   Apr 3, 2019

Subject to changes. Please also observe the further product documentation!
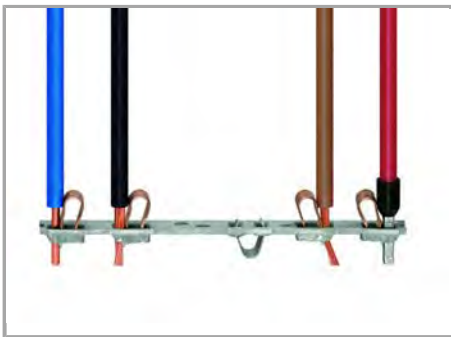
CAD/CAE-Data

CAD data

2D/3D Models 2002-6301

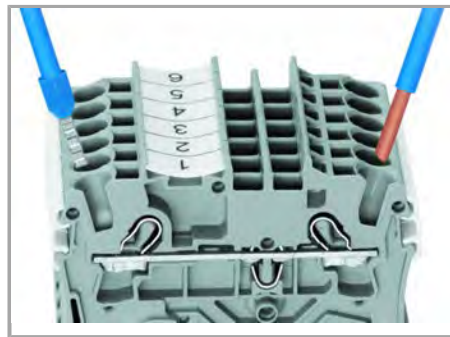**CAE data**

EPLAN Data Portal 2002-6301

WSCAD Universe 2002-6301
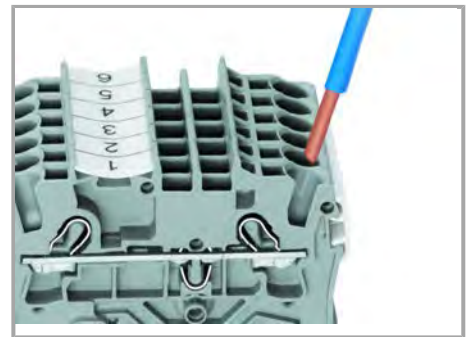
Installation Notes

Conductor termination
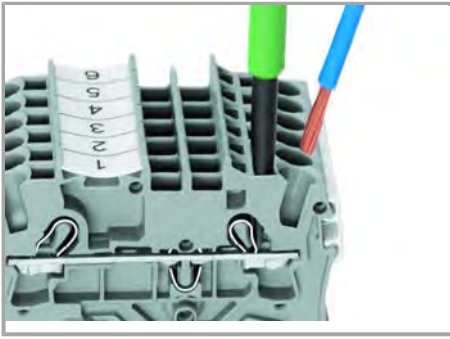

All conductor types at a glance

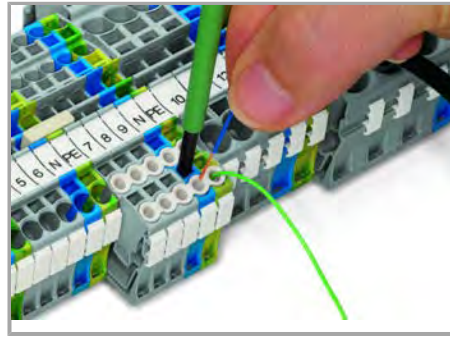Terminating solid and ferruled conductors via push-in connection.

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.

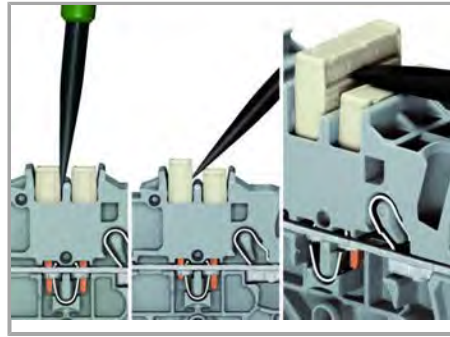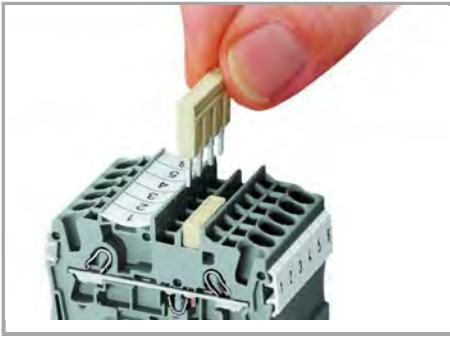Conductor termination – Insulation stop.

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!

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).

Removing a push-in type jumper bar.

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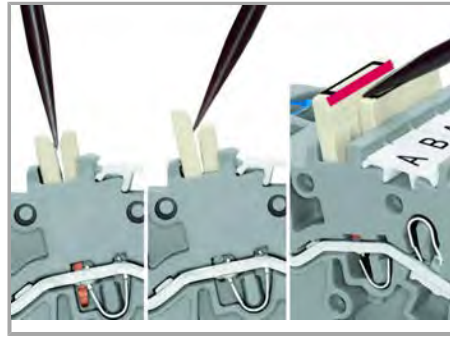
Place the operating tool in the center of jumpers up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

Commoning

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

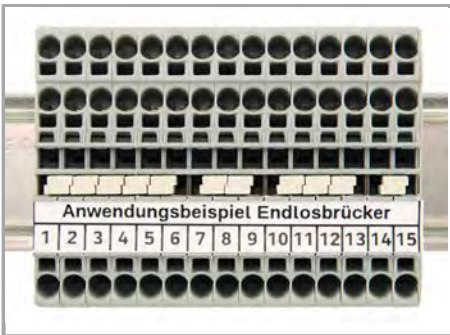**3- and 4-conductor terminal blocks (angled type)**
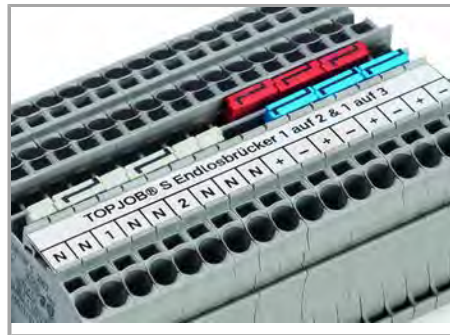

Removing a staggered jumper:

WAGO's TOPJOB® S Rail-Mount Terminal Blocks have a 35-degree conductor entry angle permitting a very small bend radius and an extremely short wiring distance to the cable duct. These are space- and cost-saving solutions for switchgear and control cabinet applications that use the LSC wiring system from Lütze. The design allows cable duct to be placed very close to the terminal blocks, keeping its height relatively low.

Insert the operating tool between the staggered jumpers, then lift up the jumper.
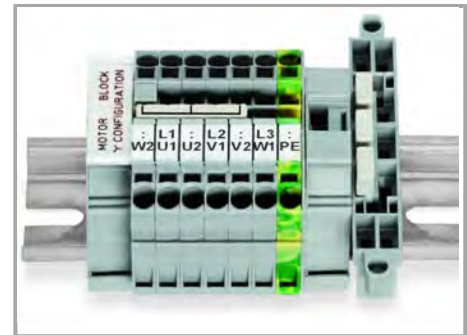
Commoning

Continuous jumpers (2002 Series) readily connect an endless number of terminal blocks to each other via a single jumper slot. Use the second jumper slot for additional commoning or testing.

The 1-to-3 adjacent jumper for continuous commoning enables every other terminal block to be commoned. For example, positive and negative potentials can be accommodated alongside each other.
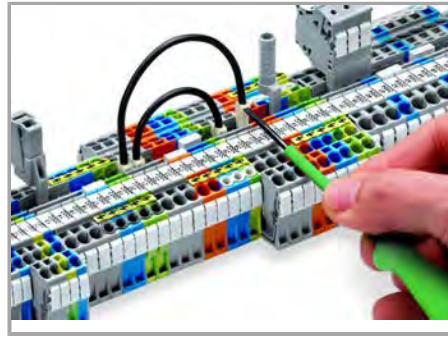
This star point jumper has been specially developed to create a "star point" and is used on motor terminal boards equipped with TOPJOB® S rail-mount terminal blocks.

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

This delta jumper has been specially developed to create a delta configuration and is used on motor terminal boards equipped with TOPJOB® S rail-mount terminal blocks.
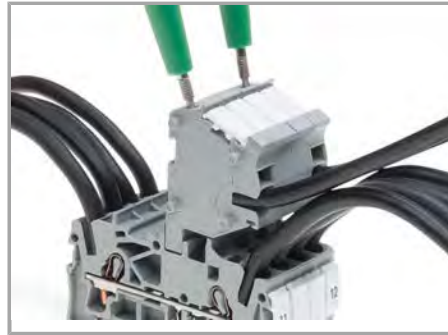

Push down the wire jumper until fully inserted. Lift the jumper with an operating tool for rewiring.
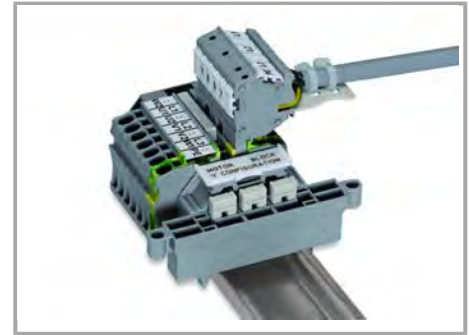
Testing

The modular TOPJOB® S connectors also connect conductors of the same size as the terminal blocks being used.
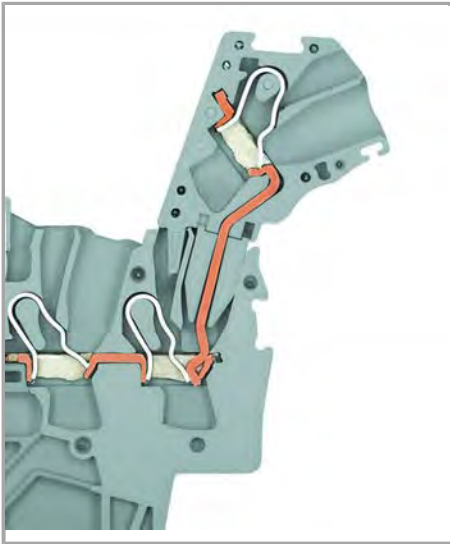

TOPJOB® S Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester

Rail-mount terminal block assembly for electric motor wiring

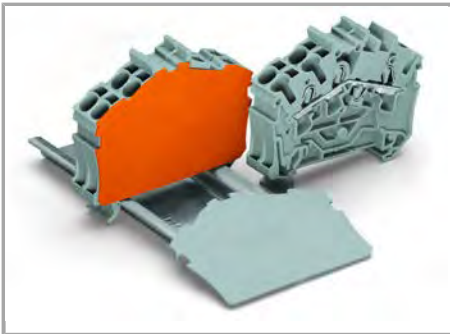Subject to changes. Please also observe the further product documentation!

L-type test plug module – cross-sectional view of contacts

Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series
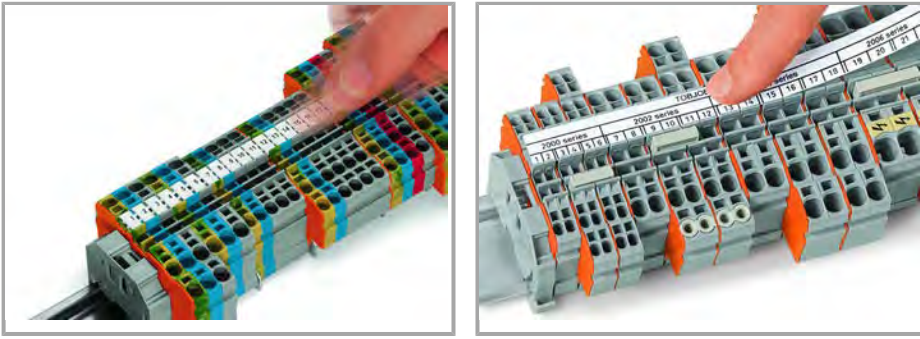

Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series

An end plate must be applied when changing from a 3-conductor terminal block to a 4-conductor terminal block (angled type) and vice versa.

Marking

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

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!