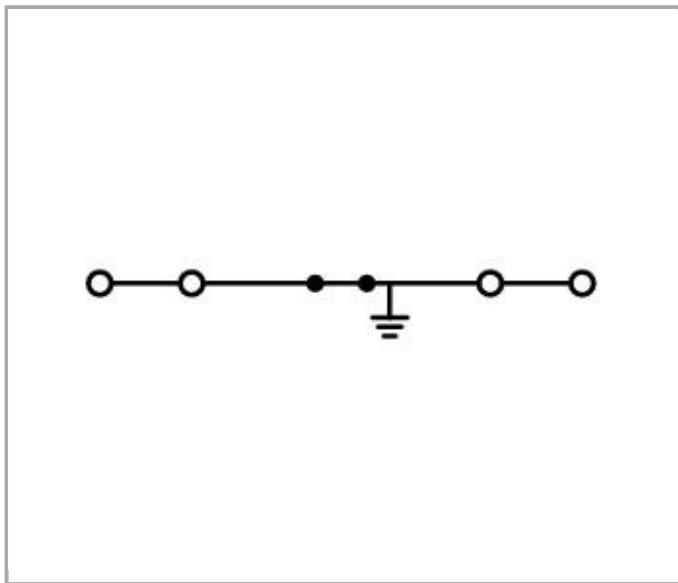
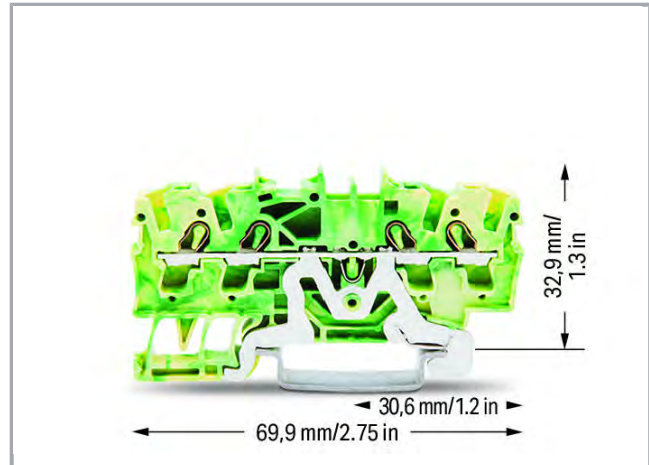
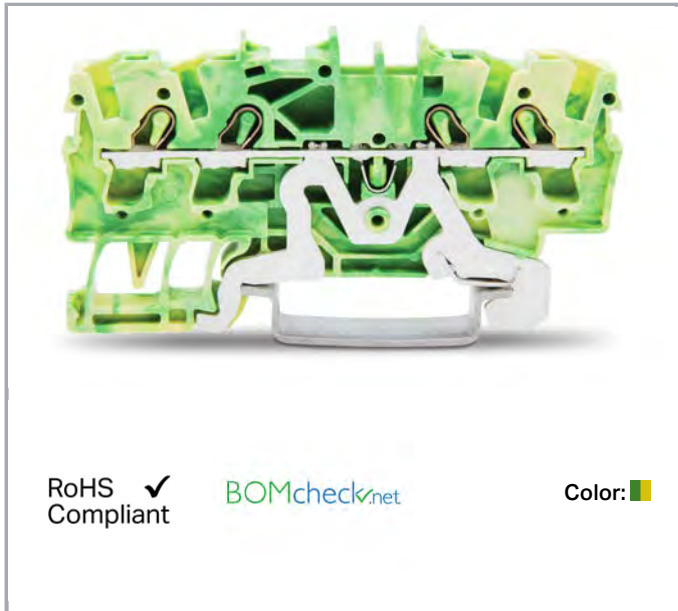


Data sheet | Item number: 2002-1407

4-conductor ground 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; green-yellow



Data

Electrical data

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

Ratings per IEC/EN 60664-1

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

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
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	4
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	32,9 mm / 1.295 inch
Depth	69,9 mm / 2.752 inch

Mechanical data

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

Material Data

Color	green-yellow
-------	--------------

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

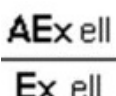
Insulating material	Polyamide 66 (PA 66)
Fire load	0.118 MJ
Weight	10.1 g

Commercial data

Product Group	22 (TOPJOB S)
Packaging type	BOX
Country of origin	DE
GTIN	4017332999311
Customs Tariff No.	85369010000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	AEx Underwriters Laboratories Inc.	UL 60079	20190704-E185892
	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 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 DEKRA Certification B.V.	EN 60947	NTR NL 7730
	CSA DEKRA Certification B.V.	C22.2 No. 158	1536069

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



KEMA/KEUR
DEKRA Certification B.V.

EN 60947

71-
107687

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	20- HG1941090- PDA
	BV Bureau Veritas S.A.	EN 60947	38586/A0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)

UL-Approvals

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

Counterpart

Compatible products

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

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

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

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


Item no.: 2009-182

Testing tap; for max. 2.5 mm²; tool-free connection for individual test wires 0.08 - 2.5 mm; gray

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

Protective Warning Marker

Item no.: 2002-115

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

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

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



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

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



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

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

	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.: 2009-145/000-006 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-

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



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

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

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



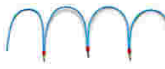
Item no.: 2002-482

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

End plate



Item no.: 2002-1491

End and intermediate plate; 0.8 mm thick; gray



Item no.: 2002-1492

End and intermediate plate; 0.8 mm thick; orange



Item no.: 2002-1493

Separator plate; 2 mm thick; oversized; gray



Item no.: 2002-1494

Separator plate; 2 mm thick; oversized; orange

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



Item no.: 209-191

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

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 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

Downloads

Documentation

Additional Information

Technical explanations

Apr 3, 2019

CAD/CAE-Data

CAD data

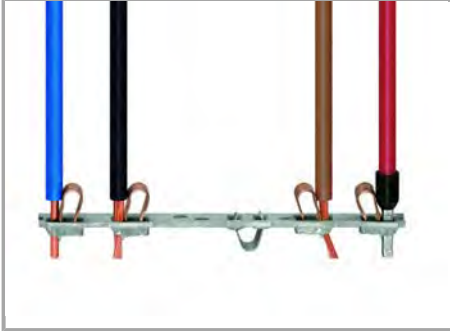
2D/3D Models 2002-1407

CAE data

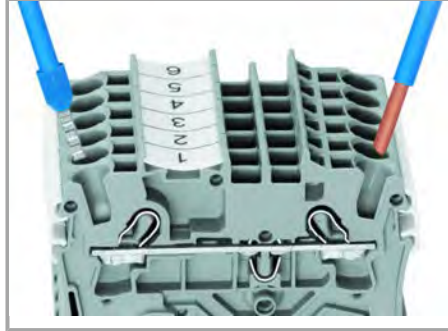
Subject to changes. Please also observe the further product documentation!

Installation Notes

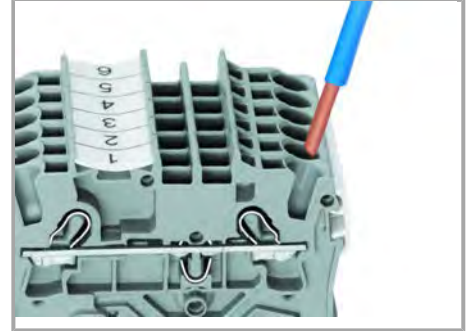
Conductor termination



All conductor types at a glance



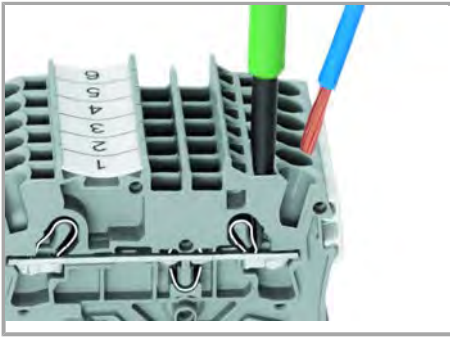
Terminating solid and ferruled conductors via push-in connection.



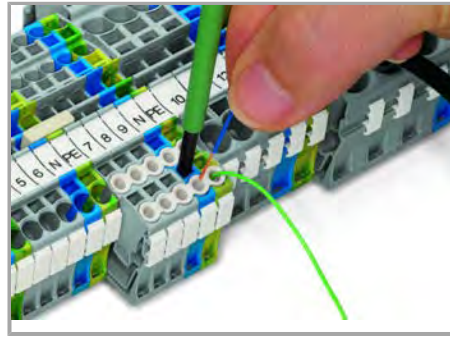
Inserting conductors via push-in termination.

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.

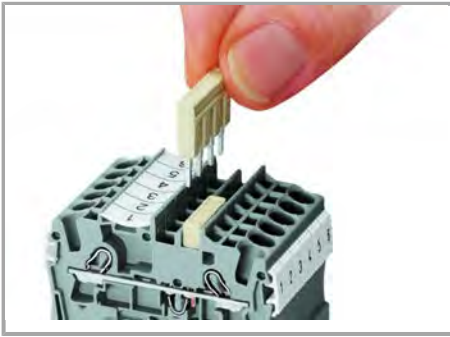
Connecting fine-stranded conductors without ferrules, or small cross-sectional conductors that cannot be pushed in, is performed similarly to the original CAGE CLAMP® – just use an operating tool.

The smart feature:

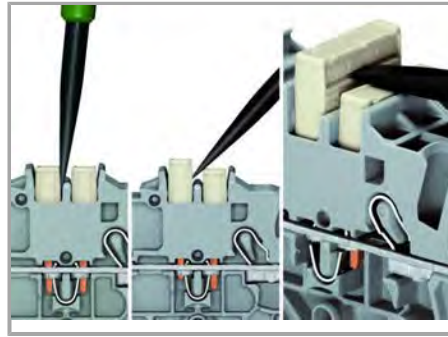
To open the clamp, the operating tool is inserted vertically. The conductor entry is less than 15 degrees for easier wiring.

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 the partition wall of the dual jumper slots, then lift up the jumper.

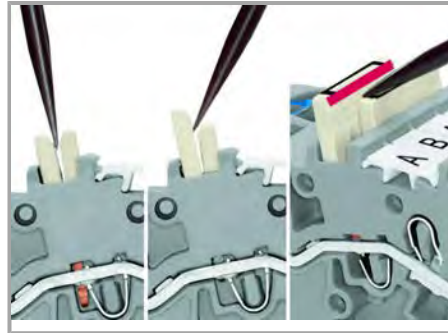
Place the operating tool in the center of jumpers up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

Commoning



Locate red stripes of the staggered jumpers on the inside.

Insert staggered jumper and push down until it hits backstop.

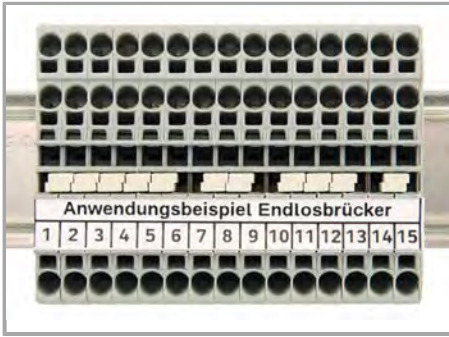


Removing a staggered jumper:

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

Commoning

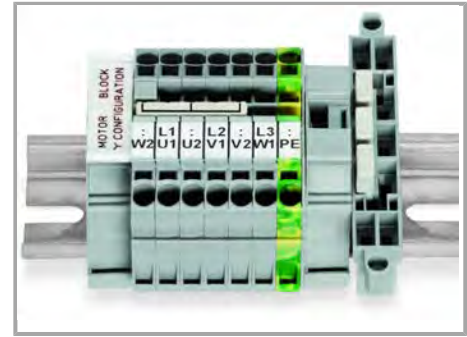
Subject to changes. Please also observe the further product documentation!



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.



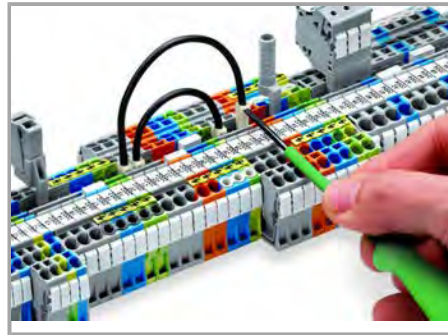
The 1-to-3 adjacent jumper for continuous commoning enables every other terminal block to be commoned. For example, positive and negative potentials can be accommodated alongside each other.



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.



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

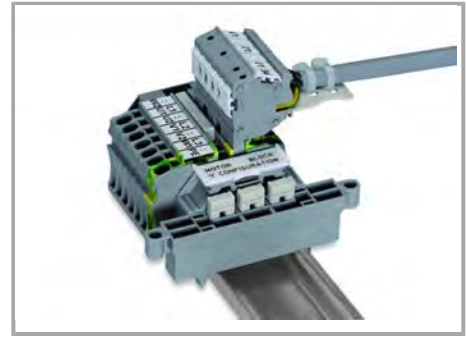
Subject to changes. Please also observe the further product documentation!



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

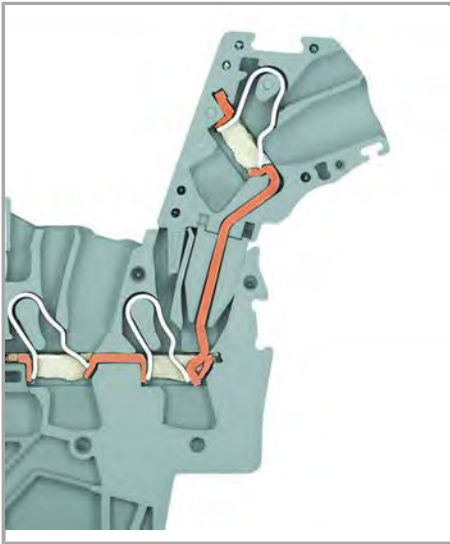


TOPJOB® S Connectors with a 2 mm Ø test socket for testing voltage via 2-pole voltage tester



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

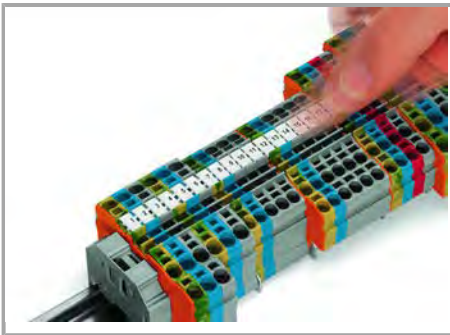


Test plug adapter (2009-174, CAT I) for 4 mm Ø plugs – compatible with 2000 to 2016 Series

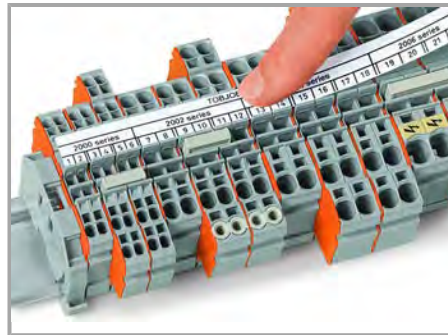


Testing tap (2009-182) for tool-free connection of test cables up to 2.5 mm² (12 AWG) – compatible with 2000 to 2016 Series

Marking



Snapping WMB Inline markers into marker slots.



TOPJOB® S 2009-193 Group Marker Carrier (equipped with a marking strip) for all 2001 to 2016 Series TOPJOB® S Rail-Mount Terminal Blocks

Do not use on an end plate!

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



Using marker carriers for marking strips
(2002-161) in jumper 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!