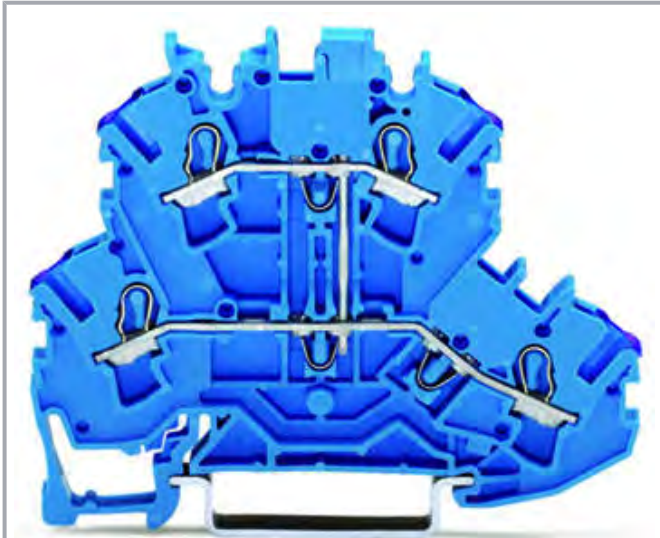


Data sheet | Item number: 2002-2209

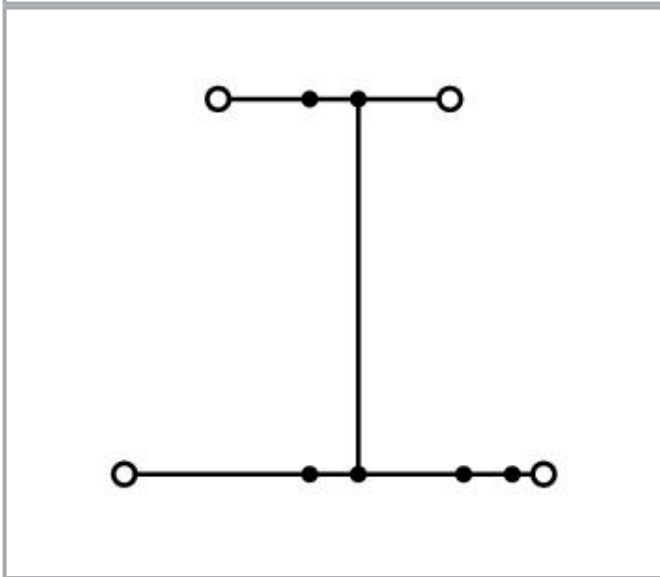
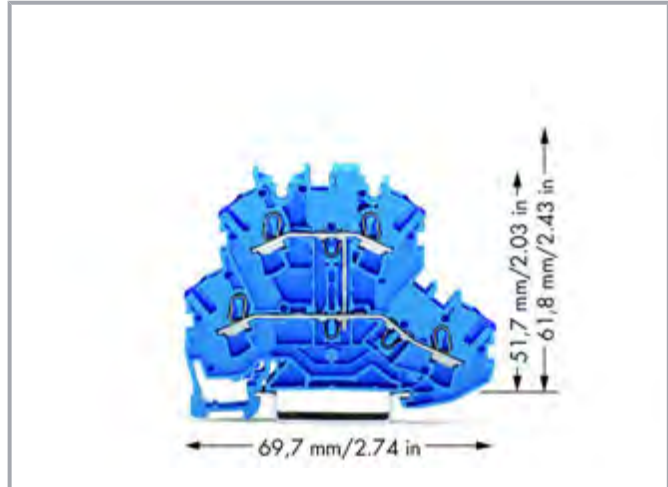
TOPJOB®S double-deck terminal block; internally commoned; rail mount; 4-conductor; 5.2 mm wide; blue



RoHS 
Compliant

BOMcheck.net

Color: 



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

**Data****Electrical data****IEC Approvals**

Ratings per	IEC/EN 60947-7-1
Rated voltage (III / 3)	500 V
Rated surge voltage (III/3)	6 kV
Rated current	24 A
Rated current 2	28 A
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

UL Approvals

Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	20 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	20 A
Rated voltage UL (Use Group D)	600 V
Rated current UL (Use Group D)	5 A

CSA Approvals

Approvals per	C22.2 No 158
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

Ex information

Ratings per	ATEX: PTB 03 ATEX 1162 U / IECEx: PTB 03.0004U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	440 V
Rated current (Ex e II)	20 A
Rated current (Ex e II) with jumper	18 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 mm ²
Solid conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm ² / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	1 ... 2.5 mm ² / 18 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm ² / 18 ... 14 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	10 ... 12 mm / 0.39 ... 0.47 inch
Total number of connection points	4
Total number of potentials	1
Number of levels	2
Wiring type	Front-entry wiring

Physical data

Width	5.2 mm / 0.205 inch
Height	69.7 mm / 2.744 inch

Mechanical data

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

Material data

Color	blue
Insulation material	Polyamide (PA66)
Fire load	0.209 MJ
Weight	10.7 g

Commercial data

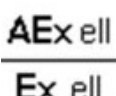
Product Group	22 (TOPJOB S)
Packaging type	BOX
Country of origin	DE

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

GTIN	4044918691116
Customs tariff number	8536904000

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)
	CCCEx CQST/CNEx	CNCA-C23-01	2020312313000238
	EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	RU C-DE.AM02.B. 00127/19
	IECEX Physikalisch Technische Bundesanstalt	IEC 60079	IECEX PTB 03.0004 U (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
	EAC Brjansker Zertifizierungsstelle	TP TC 012/2011	RU C-DE. AM02.B. 00127/19
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71- 107687

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

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)

Required accessories

End plate

	Item no.: 2002-2291 TOPJOB®S end/intermediate plate; for 2002-22xx series terminal blocks; 0.8 mm wide; gray
	Item no.: 2002-2292 TOPJOB®S end/intermediate plate; for 2002-22xx series terminal blocks; 0.8 mm wide; orange

Compatible products

ferrule

	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 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 mm ² / 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 mm ² / 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 mm ² / AWG 16; 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; 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

End plate



Item no.: 2002-2295

TOPJOB®S end/intermediate plate; for 2002-22xx series terminal blocks; 2.0 mm wide; gray



Item no.: 2002-2296

TOPJOB®S end/intermediate plate; for 2002-22xx series terminal blocks; 2.0 mm wide; orange



Item no.: 209-192

Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide; orange

tools



Item no.: 210-658

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



Item no.: 210-720

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

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; silver-colored



Item no.: 210-113

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored



Item no.: 210-114

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored



Item no.: 210-115

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm; silver-colored



Item no.: 210-118

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored

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

**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; silver-colored

**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; silver-colored

**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715; silver-colored

**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored

**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored

plug**Item no.: 2002-880**

TOPJOB®S empty component plug housing; for 2001-2006 series feedthrough terminal blocks; 2-pole; 10.4 mm wide; gray

check**Item no.: 2002-611**

TOPJOB®S modular connector; for 2002 series; for conductor entry way; 1-pole; gray

**Item no.: 2002-649**

TOPJOB®S spacer module; for 2002-611; 5.2 mm wide; gray

**Item no.: 2009-174**

TOPJOB®S test plug adapter; for test plug 4 mm Ø; for testing TOPJOB®S terminal blocks; gray

**Item no.: 2009-182**

TOPJOB®S testing tap; tool-free; 12 AWG max; for testing TOPJOB®S terminal blocks; gray

Marking accessories**Item no.: 2002-121**

Adaptor; gray

**Item no.: 2002-161**

Adaptor; gray

**Item no.: 2009-110**

Marking strips; for Smart Printer; 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

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



•	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
✓	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

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

	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; gray
	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
	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

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

	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
	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

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



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



Item no.: 2002-171

TOPJOB®S insulation stop; for 2002 series terminal blocks; 0.25 - 0.5 mm²; 5/strip; light gray



Item no.: 2002-172

TOPJOB®S insulation stop; for 2002 series terminal blocks; 0.75 - 1.0 mm²; 5/strip; dark gray

Protective Warning Marker



Item no.: 2002-115

TOPJOB®S protective warning marker; with high-voltage symbol, for 2002 series terminal blocks; for 5 terminal blocks

Push-In type wire jumper



Item no.: 2009-412

TOPJOB®S wire jumper; insulated; 60 mm long; conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray



Item no.: 2009-414

TOPJOB®S wire jumper; insulated; 110 mm long; conductor cross section 1.5 mm²; suitable for 2001, 2002, 2003 and 2022 series terminal blocks; gray



Item no.: 2009-414/000-005

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



Item no.: 2009-414/000-006

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



Item no.: 2009-416

TOPJOB®S wire jumper; insulated; 250 mm long; conductor cross section 1.5 mm²; suitable for 2001,

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

2002, 2003 and 2022 series terminal blocks; gray

General accessories

**Item no.: 2002-880/1000-411**

Diode plug; 1N4007 (N-P); for 2001 - 2006 series feedthrough terminal blocks; 5.2 mm wide; gray

**Item no.: 2002-880/1000-541**

LED plug; red LED (N-P); 12 - 30 V; for 2001 - 2006 series feedthrough terminal blocks; 10.4 mm wide; gray

**Item no.: 2002-880/1000-542**

LED plug; red LED (N-P); 30 - 65 V; for 2001 - 2006 series feedthrough terminal blocks; 10.4 mm wide; gray

**Item no.: 2002-880/1000-836**

LED plug; red LED (N-P); 230 V; for 2001 - 2006 series feedthrough terminal blocks; 10.4 mm wide; gray

Jumper

**Item no.: 2002-400**

TOPJOB®S endless jumper; for 2002 series; insulated; 2-way; light-gray

**Item no.: 2002-402**

TOPJOB®S jumper; for 2002 series; insulated; 2-way; light-gray

**Item no.: 2002-402/000-005**

TOPJOB®S jumper; for 2002 series; insulated; 2-way; red

**Item no.: 2002-402/000-006**

TOPJOB®S jumper; for 2002 series; insulated; 2-way; blue

**Item no.: 2002-403**

TOPJOB®S jumper; for 2002 series; insulated; 3-way; light-gray

**Item no.: 2002-403/000-005**

TOPJOB®S jumper; for 2002 series; insulated; 3-way; red

**Item no.: 2002-403/000-006**

TOPJOB®S jumper; for 2002 series; insulated; 3-way; blue

**Item no.: 2002-404**

TOPJOB®S jumper; for 2002 series; insulated; 4-way; light-gray

**Item no.: 2002-404/000-005**

TOPJOB®S jumper; for 2002 series; insulated; 4-way; red

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



Item no.: 2002-404/000-006
TOPJOB®S jumper; for 2002 series; insulated; 4-way; blue



Item no.: 2002-405
TOPJOB®S jumper; for 2002 series; insulated; 5-way; light-gray



Item no.: 2002-405/000-005
TOPJOB®S jumper; for 2002 series; insulated; 5-way; red



Item no.: 2002-405/000-006
TOPJOB®S jumper; for 2002 series; insulated; 5-way; blue



Item no.: 2002-405/011-000
TOPJOB®S jumper; Wye configuration; for 2002 series; insulated; 3-way (1-3-5); light-gray



Item no.: 2002-406
TOPJOB®S jumper; for 2002 series; insulated; 6-way; light-gray



Item no.: 2002-406/000-005
TOPJOB®S jumper; for 2002 series; insulated; 6-way; red



Item no.: 2002-406/000-006
TOPJOB®S jumper; for 2002 series; insulated; 6-way; blue



Item no.: 2002-406/020-000
TOPJOB®S jumper; Delta configuration; for 2002 series; insulated; 6-way (1-2, 3-4, 5-6); light-gray



Item no.: 2002-407
TOPJOB®S jumper; for 2002 series; insulated; 7-way; light-gray



Item no.: 2002-407/000-005
TOPJOB®S jumper; for 2002 series; insulated; 7-way; red



Item no.: 2002-407/000-006
TOPJOB®S jumper; for 2002 series; insulated; 7-way; blue



Item no.: 2002-408
TOPJOB®S jumper; for 2002 series; insulated; 8-way; light-gray



Item no.: 2002-408/000-005
TOPJOB®S jumper; for 2002 series; insulated; 8-way; red

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



Item no.: 2002-408/000-006
TOPJOB®S jumper; for 2002 series; insulated; 8-way; blue



Item no.: 2002-409
TOPJOB®S jumper; for 2002 series; insulated; 9-way; light-gray



Item no.: 2002-409/000-005
TOPJOB®S jumper; for 2002 series; insulated; 9-way; red



Item no.: 2002-409/000-006
TOPJOB®S jumper; for 2002 series; insulated; 9-way; light-gray



Item no.: 2002-410
TOPJOB®S jumper; for 2002 series; insulated; 10-way; light-gray



Item no.: 2002-410/000-005
TOPJOB®S jumper; for 2002 series; insulated; 10-way; red



Item no.: 2002-410/000-006
TOPJOB®S jumper; for 2002 series; insulated; 10-way; blue



Item no.: 2002-423
TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); light-gray



Item no.: 2002-423/000-005
TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); red



Item no.: 2002-423/000-006
TOPJOB®S endless jumper; for 2002 series; insulated; 2-way (1-3); blue



Item no.: 2002-433
TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-3); light-gray



Item no.: 2002-434
TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-4); light-gray



Item no.: 2002-435
TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-5); light-gray



Item no.: 2002-436
TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-6); light-gray



Item no.: 2002-437
TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-7); light-gray

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

**Item no.: 2002-438**

TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-8); light-gray

**Item no.: 2002-439**

TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-9); light-gray

**Item no.: 2002-440**

TOPJOB®S jumper; for 2002 series; insulated; 2-way (1-10); light-gray

**Item no.: 2002-472**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 2-way; light-gray

**Item no.: 2002-473**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 3-way; light-gray

Item no.: 2002-473/011-000

TOPJOB®S staggered jumper; for 2002 and 2003 series; 2-way (preconfigured 1-3); light-gray

**Item no.: 2002-474**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 4-way; light-gray

**Item no.: 2002-475**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 5-way; light-gray

Item no.: 2002-475/011-000

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 3-way (preconfigured 1-3-5); light-gray

**Item no.: 2002-476**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 6-way; light-gray

**Item no.: 2002-477**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 7-way; light-gray

**Item no.: 2002-477/011-000**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 4-way (preconfigured 1-3-5-7); light-gray

**Item no.: 2002-478**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 8-way; light-gray

**Item no.: 2002-479**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 9-way; light-gray

Item no.: 2002-479/011-000

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 5-way (preconfigured 1-3-5-7-9); light-gray

**Item no.: 2002-480**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 10-way; light-gray

**Item no.: 2002-481**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 11-way; light-gray

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

**Item no.: 2002-481/011-000**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 6-way (preconfigured 1-3-5-7-9-11); light-gray

**Item no.: 2002-482**

TOPJOB®S staggered jumper; for 2002 and 2003 series; insulated; 12-way; light-gray

**Item no.: 210-103**

Wire commoning chain; insulated; black

**Item no.: 210-123**

Wire commoning chain; insulated; blue

Downloads**Documentation****Bid Text**

2002-2209	Apr 23, 2019	docx
docx - Datei		15.6 kB

2002-2209	Apr 23, 2019	xml
X81 - Datei		4.4 kB

Additional Information

Technical explanations	Apr 3, 2019	pdf
		2.2 MB

CAD files**CAD data**

2D/3D Models 2002-2209

CAE data

EPLAN Data Portal 2002-2209

ZUKEN Portal 2002-2209

WSCAD Universe 2002-2209

Environmental Product Compliance**Compliance Search**

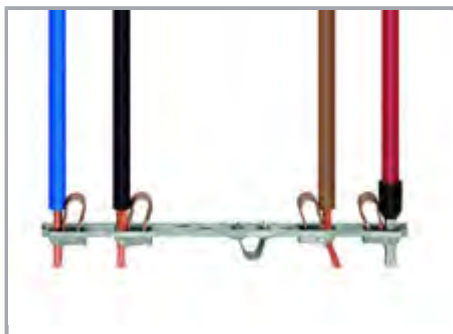
Subject to changes. Please also observe the further product documentation!

Environmental Product Compliance 2002-2209

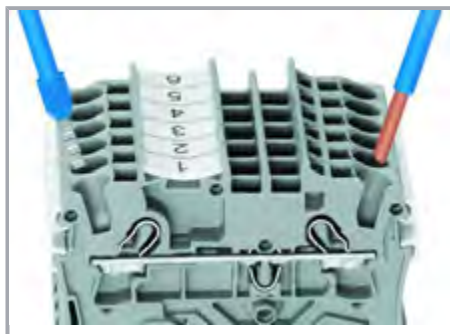
Double-deck terminal block; 4-conductor through terminal block; N; without marker carrier; for Ex e II and Ex i applications; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; 2.5 mm²; Push-in CAGE CLAMP®; 2,50 mm²; blue

Installation Notes

Conductor termination



All conductor types at a glance



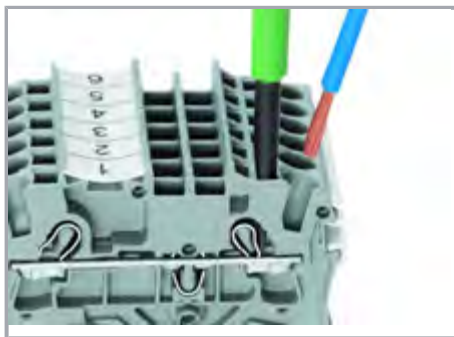
Push-in termination of solid and ferruled conductors



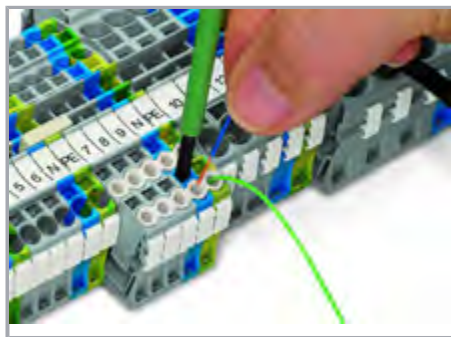
Inserting a conductor via push-in termination:

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

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



Inserting a conductor via operating tool:



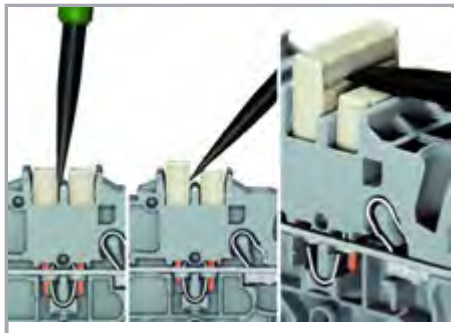
Conductor termination – insulation stop

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.

Advantage:

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

Commoning



Removing a push-in type jumper bar:

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

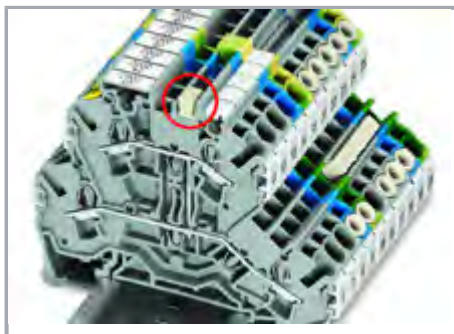
Place the operating tool in the center of jumpers for up to five contacts (see above), or alternately on both sides for jumpers with more than five contacts.

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).

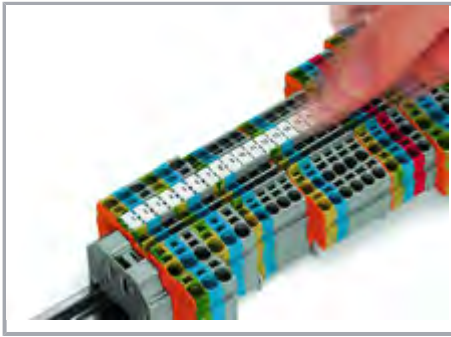
Commoning



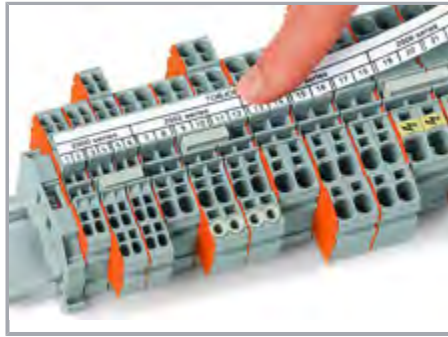
Commoning two levels via double-deck vertical jumper (2002-492).

Marking

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



Snapping WMB Inline markers into marker slots.



Double-deck terminal blocks

A double-deck marker carrier (2002-121) can be retrofitted to double-deck terminal blocks without a marker carrier.

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!