Color: ■ orange

Similar to illustration



Similar to illustration

Electrical data

Ratings per			IEC/EN 60947-7-1		
Overvoltage category	III	III	II		
Pollution degree	3	2	2		
Nominal voltage	500 V	-	-		
Rated surge voltage	6 kV	-	-		
Rated current	24 A	-	-		
Current at conductor cross-section (max.) mm ²	28 A	-	-		

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

Approvals per			CSA 22.2 No 158		
Use group	B	C	D		
Rated voltage	600 V	600 V	-		
Rated current	20 A	20 A	-		

Ex information		
Reference hazardous areas	See "Downloads – Documentation – Additional Information: Technical Section; Technical Explications"	
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	

Power Loss

Power loss, per pole (potential)	0.7661 W
Rated current I _N for specified power loss	24 A
Resistance value for specified, current-dependent power loss	0.00133 Ω

Connection data

Connection points	4
Total number of potentials	2
Number of levels	2
Number of jumper slots	4
Number of jumper slots (rank)	1

Connection 1

Connection technology	Push-in CAGE CLAMP®
Number of connection points	2
Actuation type	Operating tool
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 inches
Wiring direction	Front-entry wiring

Connection 2

Number of connection points 2	2
-------------------------------	---

Physical data

Width	5.2 mm / 0.205 inches
Height	69.7 mm / 2.744 inches
Depth from upper-edge of DIN-rail	51.7 mm / 2.035 inches

Mechanical data

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

Material data

Note (material data)	Information on material specifications can be found here
Color	orange
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.204 MJ
Weight	10 g

Environmental requirements

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

Commercial data

Product Group	22 (TOPJOB S)
ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143550918
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------

Approvals / Certificates**General approvals**

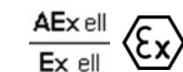
Approval	Standard	Certificate Name
CCA	EN 60947	NTR NL 7941
DEKRA Certification B.V.		
CSA	C22.2 No. 158	1536069
DEKRA Certification B.V.		
KEMA/KEUR	EN 60947	71-124163
DEKRA Certification B.V.		
UL	UL 1059	E45172
Underwriters Laboratories Inc.		

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
ATEX-Attestation of Conformity	-	-
WAGO GmbH & Co. KG		
EU-Declaration of Conformity	-	-
WAGO GmbH & Co. KG		
UK-Declaration of Conformity	-	-
WAGO GmbH & Co. KG		

Approvals for marine applications

Approval	Standard	Certificate Name
ABS	EN 60947	20-HG1941090-PDA
American Bureau of Shipping		
DNV GL	-	TAE00001V2
Det Norske Veritas, Germanischer Lloyd		

Approvals for hazardous areas

Approval	Standard	Certificate Name
AEx	UL 60079	E185892 (AEx eb IIC resp. Ex eb IIC)
Underwriters Laboratories Inc.		
ATEX	EN 60079	PTB 03 ATEX 1162 U (II2G Ex eb IIC Gb, IM2 Ex eb IMb)
Physikalisch Technische Bundesanstalt		
CCC	GB/T 3836.3	2020312313000238 (Ex eb IIC Gb, Ex eb IMb)
CNEX		

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product
Compliance 2002-2206



Documentation

Additional Information

Technical Section

pdf
2240.62 KB



CAD/CAE-Data

CAD data

2D/3D Models
2002-2206



CAE data

EPLAN Data Portal
2002-2206



1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



[Item No.: 2002-2291](#)

End and intermediate plate; 0.8 mm thick;
gray

[Item No.: 2002-2292](#)

End and intermediate plate; 0.8 mm thick;
orange

[Item No.: 2002-2295](#)

Separator plate; oversized upper deck;
snap-fit type; 2 mm thick; gray

[Item No.: 2002-2296](#)

Separator plate; oversized upper deck;
snap-fit type; 2 mm thick; orange

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories



[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.: 210-198](#)

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

[Item No.: 210-508](#)

Steel carrier rail; 35 x 15 mm; 1.5 mm
thick; 2 m long; slotted; galvanized; simi-
lar 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.: 210-506](#)

Steel carrier rail; 35 x 15 mm; 1.5 mm
thick; 2 m long; unslotted; galvanized; si-
milar 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.: 210-118](#)

Steel carrier rail; 35 x 15 mm; 2.3 mm
thick; 2 m long; unslotted; according 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.: 210-112](#)

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.: 210-504](#)

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

[Item No.: 210-113](#)

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

[Item No.: 210-505](#)

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

1.2.2 End plate

1.2.2.1 End plate

**Item No.: 209-192**

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

1.2.3 Ferrule

1.2.3.1 Ferrule

**Item No.: 216-241**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white**Item No.: 216-242**Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray**Item No.: 216-262**Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray**Item No.: 216-243**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red**Item No.: 216-263**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red**Item No.: 216-244**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black**Item No.: 216-264**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black**Item No.: 216-246**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue**Item No.: 216-266**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue

1.2.4 Installation

1.2.4.1 Cover

**Item No.: 709-156**

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

1.2.4.2 Cover carrier

**Item No.: 709-169**

Cover carrier; Type 3; incl. fixing/retaining screws and knurled nut; suitable for 279 to 282 and 880 Series rail-mounted terminal blocks; suitable for 264 Series miniature rail-mounted terminal blocks; suitable for 270 Series sensor and actuator terminal blocks; gray

1.2.5 Insulation stop

1.2.5.1 Insulation stop

[Item No.: 2002-171](#)Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip; light gray[Item No.: 2002-172](#)Insulation stop; 0.75 - 1 mm²; 5 pieces/strip; dark gray

1.2.6 Jumper

1.2.6.1 Jumper

[Item No.: 2002-400](#)

Continuous jumper; 2-way; insulated; light gray

[Item No.: 2002-423/000-006](#)

Continuous jumper; from 1 to 3; insulated; blue

[Item No.: 2002-423](#)

Continuous jumper; from 1 to 3; insulated; light gray

[Item No.: 2002-423/000-005](#)

Continuous jumper; from 1 to 3; insulated; red

[Item No.: 2002-424/000-006](#)

Continuous jumper; from 1 to 4; insulated; blue

[Item No.: 2002-424](#)

Continuous jumper; from 1 to 4; insulated; light gray

[Item No.: 2002-424/000-005](#)

Continuous jumper; from 1 to 4; insulated; red

[Item No.: 2002-406/020-000](#)

Delta jumper; insulated; light gray

[Item No.: 2002-410/000-006](#)

Jumper; 10-way; insulated; blue

[Item No.: 2002-410](#)

Jumper; 10-way; insulated; light gray

[Item No.: 2002-410/000-005](#)

Jumper; 10-way; insulated; red

[Item No.: 2002-402/000-006](#)

Jumper; 2-way; insulated; blue

[Item No.: 2002-402](#)

Jumper; 2-way; insulated; light gray

[Item No.: 2002-402/000-005](#)

Jumper; 2-way; insulated; red

[Item No.: 2002-403/000-006](#)

Jumper; 3-way; insulated; blue

[Item No.: 2002-403](#)

Jumper; 3-way; insulated; light gray

[Item No.: 2002-403/000-005](#)

Jumper; 3-way; insulated; red

[Item No.: 2002-404/000-006](#)

Jumper; 4-way; insulated; blue

[Item No.: 2002-404](#)

Jumper; 4-way; insulated; light gray

[Item No.: 2002-404/000-005](#)

Jumper; 4-way; insulated; red

[Item No.: 2002-405/000-006](#)

Jumper; 5-way; insulated; blue

[Item No.: 2002-405](#)

Jumper; 5-way; insulated; light gray

[Item No.: 2002-405/000-005](#)

Jumper; 5-way; insulated; red

[Item No.: 2002-406/000-006](#)

Jumper; 6-way; insulated; blue

[Item No.: 2002-406](#)

Jumper; 6-way; insulated; light gray

[Item No.: 2002-406/000-005](#)

Jumper; 6-way; insulated; red

[Item No.: 2002-407/000-006](#)

Jumper; 7-way; insulated; blue

[Item No.: 2002-407](#)

Jumper; 7-way; insulated; light gray

[Item No.: 2002-407/000-005](#)

Jumper; 7-way; insulated; red

[Item No.: 2002-408/000-006](#)

Jumper; 8-way; insulated; blue

[Item No.: 2002-408](#)

Jumper; 8-way; insulated; light gray

[Item No.: 2002-408/000-005](#)

Jumper; 8-way; insulated; red

[Item No.: 2002-409/000-006](#)

Jumper; 9-way; insulated; blue

[Item No.: 2002-409](#)

Jumper; 9-way; insulated; light gray

[Item No.: 2002-409/000-005](#)

Jumper; 9-way; insulated; red

[Item No.: 2002-440](#)

Jumper; from 1 to 10; insulated; light gray

[Item No.: 2002-433](#)

Jumper; from 1 to 3; insulated; light gray

[Item No.: 2002-434](#)

Jumper; from 1 to 4; insulated; light gray

[Item No.: 2002-435](#)

Jumper; from 1 to 5; insulated; light gray

[Item No.: 2002-436](#)

Jumper; from 1 to 6; insulated; light gray

[Item No.: 2002-437](#)

Jumper; from 1 to 7; insulated; light gray

[Item No.: 2002-438](#)

Jumper; from 1 to 8; insulated; light gray

[Item No.: 2002-439](#)

Jumper; from 1 to 9; insulated; light gray

[Item No.: 2002-480](#)

Staggered jumper; 10-way; insulated; light gray

1.2.6.1 Jumper



[Item No.: 2002-481](#)
Staggered jumper; 11-way; insulated; light gray



[Item No.: 2002-482](#)
Staggered jumper; 12-way; insulated; light gray



[Item No.: 2002-473/011-000](#)
Staggered jumper; 2-way; from 1 to 3; insulated; light gray



[Item No.: 2002-472](#)
Staggered jumper; 2-way; insulated; light gray



[Item No.: 2002-473](#)
Staggered jumper; 3-way; insulated; light gray



[Item No.: 2002-475/011-000](#)
Staggered jumper; 3-way; insulated; light gray



[Item No.: 2002-474](#)
Staggered jumper; 4-way; insulated; light gray



[Item No.: 2002-475](#)
Staggered jumper; 5-way; insulated; light gray



[Item No.: 2002-476](#)
Staggered jumper; 6-way; insulated; light gray



[Item No.: 2002-477](#)
Staggered jumper; 7-way; insulated; light gray



[Item No.: 2002-478](#)
Staggered jumper; 8-way; insulated; light gray



[Item No.: 2002-479](#)
Staggered jumper; 9-way; insulated; light gray



[Item No.: 2002-477/011-000](#)
Staggered jumper; insulated; light gray



[Item No.: 2002-479/011-000](#)
Staggered jumper; insulated; light gray



[Item No.: 2002-481/011-000](#)
Staggered jumper; insulated; light gray



[Item No.: 2002-405/011-000](#)
Star point jumper; 3-way; insulated; light gray



[Item No.: 2002-492](#)
Vertical jumper; insulated; light gray



[Item No.: 2002-492/000-012](#)
Vertical jumper; insulated; orange



[Item No.: 210-103](#)
Wire commoning chain; insulated; black



[Item No.: 210-123](#)
Wire commoning chain; insulated; blue

1.2.7 Marking

1.2.7.1 Group marker carrier



[Item No.: 2009-191](#)
Group marker carrier; gray



[Item No.: 2009-192](#)
Group marker carrier; gray



[Item No.: 2009-193](#)
Group marker carrier; gray

1.2.7.2 Marker



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



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



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



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



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



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



[Item No.: 2009-145](#)
Mini-WSB Inline; for Smart Printer; 1700 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white



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



[Item No.: 248-501/000-006](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; blue



[Item No.: 248-501/000-007](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; gray



[Item No.: 248-501/000-023](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; green



[Item No.: 248-501/000-017](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; light green



[Item No.: 248-501/000-012](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; orange



[Item No.: 248-501/000-005](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; red



[Item No.: 248-501/000-024](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; violet



[Item No.: 248-501](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; white



[Item No.: 248-501/000-002](#)
Mini-WSB marking card; as card; not stretchable; plain; snap-on type; yellow



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



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



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

1.2.7.2 Marker

**Item No.: 793-5501/000-023**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green

**Item No.: 793-5501/000-017**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green

**Item No.: 793-5501/000-012**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange

**Item No.: 793-5501/000-005**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

**Item No.: 793-5501/000-024**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet

**Item No.: 793-5501**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 793-5501/000-002**

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

**Item No.: 2009-115/000-006**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue

**Item No.: 2009-115/000-007**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray

**Item No.: 2009-115/000-023**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

**Item No.: 2009-115/000-017**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green

**Item No.: 2009-115/000-012**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange

**Item No.: 2009-115/000-005**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

**Item No.: 2009-115/000-024**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

**Item No.: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

**Item No.: 2009-115/000-002**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

1.2.7.3 Marker carrier

**Item No.: 2002-121**

Adaptor; gray

**Item No.: 2002-161**

Adaptor; gray

**Item No.: 2009-198**

Adaptor; gray

1.2.7.4 Marking strip

**Item No.: 2009-110**

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

1.2.8 Protective warning marker

1.2.8.1 Cover

**Item No.: 2002-115**

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

1.2.9 Push-in type wire jumper

1.2.9.1 Jumper

[Item No.: 2009-414](#)Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black[Item No.: 2009-414/000-005](#)Push-in type wire jumper; 1.5 mm²; insulated; 110 mm long; black[Item No.: 2009-416](#)Push-in type wire jumper; 1.5 mm²; insulated; 250 mm long; black[Item No.: 2009-414/000-006](#)

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

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

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

1.2.10 Screwless end stop

1.2.10.1 Mounting accessories

[Item No.: 249-117](#)

Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

[Item No.: 249-116](#)

Screwless end stop; 6 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

1.2.11 Test and measurement

1.2.11.1 Testing accessories

[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.: 2002-649](#)

TOPJOB®S L-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray

[Item No.: 2002-611](#)TOPJOB®S L-type test plug module; modular; 1-pole; 2,50 mm²; gray

1.2.12 Tool

1.2.12.1 Operating tool

[Item No.: 210-658](#)

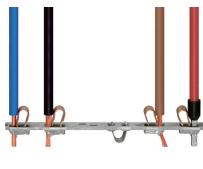
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short; multicoloured

[Item No.: 210-720](#)

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

Installation Notes

Conductor termination

**All conductor types at a glance**

Push-in termination of solid and ferruled conductors

**Inserting a conductor via push-in termination:**

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

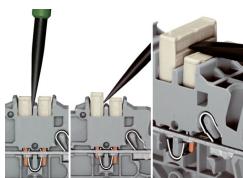
**Inserting a conductor via operating tool:**

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

Advantage:

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

Commoning

**Removing a push-in type jumper bar:**

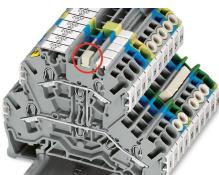
Insert the operating tool between the jumper and partition wall of the dual jumper slots, then lift up the jumper.

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.



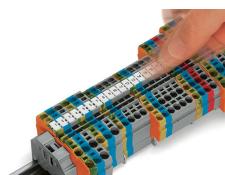
Insert push-in type jumper bar and push down until it hits backstop.

Commoning

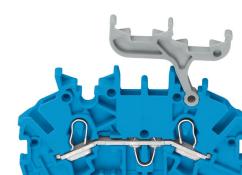


Commoning two levels via double-deck vertical jumper (2002-492).

Marking



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.