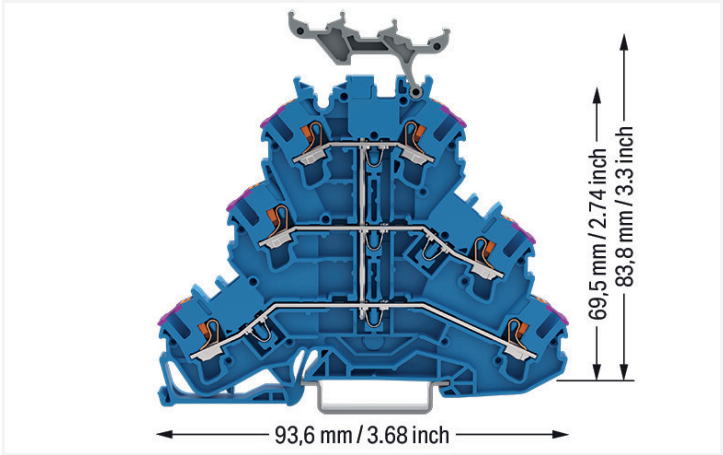


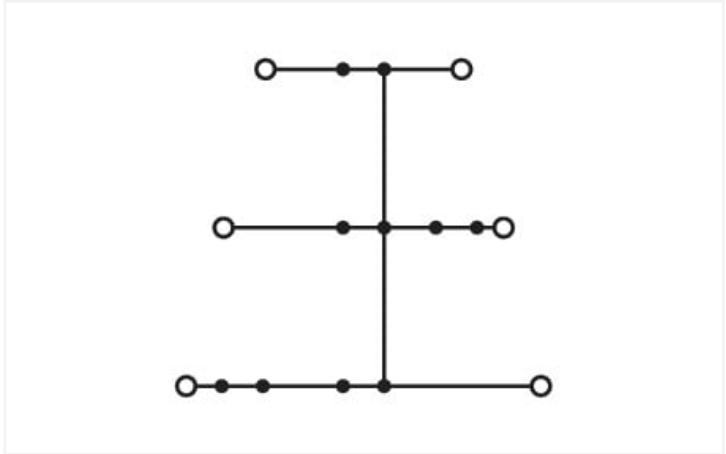
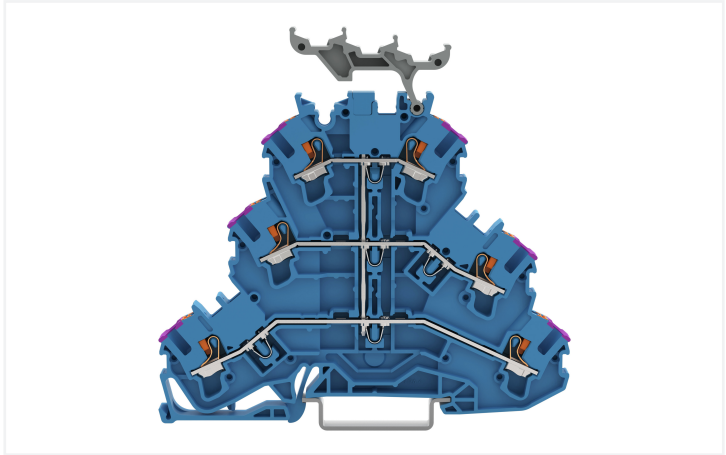
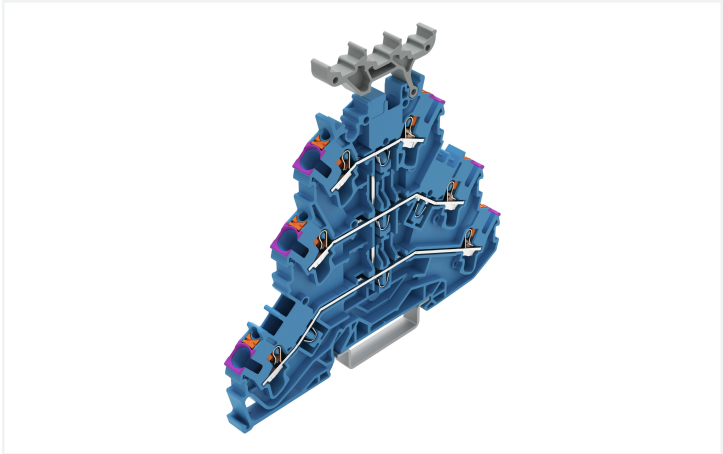
Data Sheet | Item Number: 2202-3239

Triple-deck terminal block; with push-button; 6-conductor through terminal block; N; with 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

<https://www.wago.com/2202-3239>



Color: ■ blue



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.) mm²	28 A	-	-	
Power Loss				
Power loss, per pole (potential)	0.7661 W			
Rated current I <sub>N</sub> for specified power loss	24 A			
Resistance value for specified, current-dependent power loss	0.00133 Ω			
Ex information				
Reference hazardous areas		See “Downloads – Documentation – Additional Information: Technical Section; Technical Explications”		
Rated voltage EN (Ex e II)		440 V		
Rated current (Ex e II)		19 A		
Rated current (Ex e II) with jumper		17 A		



Connection data			
Connection points	6	Connection 1	
Total number of potentials	1	Connection technology	Push-in CAGE CLAMP®
Number of levels	3	Actuation type	Push-button
Number of jumper slots	5	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 insulated ferrule	0.25 ... 2.5 mm² / 22 ... 14 AWG
		Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm² / 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

Physical data		
Width	5.2 mm / 0.205 inches	
Height	93.6 mm / 3.685 inches	
Depth from upper-edge of DIN-rail	83.8 mm / 3.299 inches	

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


Material data		
Note (material data)	<a href="#">Information on material specifications can be found here</a>	
Color	blue	
Material group	I	
Insulation material	Polyamide (PA66)	
Flammability class per UL94	V0	
Fire load	0.39 MJ	
Actuator color	orange	
Weight	19 g	

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


Commercial data	
ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	50 pcs
Country of origin	DE
GTIN	4066966194258
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption


Approvals / Certificates

General approvals		Declarations of conformity and manufacturer's declarations									
											
Approval	Standard	Certificate Name									
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7950									
CSA DEKRA Certification B.V.	C22.2	70173745									
cURus Underwriters Laboratories Inc.	UL 1059	E45172									
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-124827									
		<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor- mity WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor- mity WAGO GmbH &amp; Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
Approval	Standard	Certificate Name									
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-									
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-									


Approvals for hazardous areas

		
Approval	Standard	Certificate Name
AEx Underwriters Laboratories Inc.	UL 60079	E185892
CCCEx CQST/CNEx	GB/T 3836.3	2020312313000169


Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 2202-3239	

Documentation

Additional Information		
Technical Section	pdf 2240.62 KB	

CAD/CAE-Data



CAD data		
2D/3D Models 2202-3239		

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate

	
<a href="#">Item No.: 2002-3291</a> End and intermediate plate; 0.8 mm thick; gray	<a href="#">Item No.: 2002-3292</a> End and intermediate plate; 0.8 mm thick; orange

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories

			
<a href="#">Item No.: 210-196</a> Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="#">Item No.: 210-198</a> Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	<a href="#">Item No.: 210-508</a> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-colored	<a href="#">Item No.: 210-197</a> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored
			
<a href="#">Item No.: 210-506</a> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715; silver-colored	<a href="#">Item No.: 210-114</a> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="#">Item No.: 210-118</a> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="#">Item No.: 210-115</a> 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
			
<a href="#">Item No.: 210-112</a> 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	<a href="#">Item No.: 210-504</a> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715; silver-colored	<a href="#">Item No.: 210-113</a> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715; silver-colored	<a href="#">Item No.: 210-505</a> 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 Ferrule

1.2.2.1 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

1.2.3 Installation

1.2.3.1 Cover



**Item No.: 709-156**  
Cover; Type 3; suitable for cover carrier, type 3; 1 m long; transparent

1.2.3.2 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

1.2.4 Insulation stop

1.2.4.1 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



1.2.5 Jumper

1.2.5.1 Jumper

 <b>Item No.: 2002-400</b> Continuous jumper; 2-way; insulated; light gray	 <b>Item No.: 2002-423/000-006</b> Continuous jumper; from 1 to 3; insulated; blue	 <b>Item No.: 2002-423</b> Continuous jumper; from 1 to 3; insulated; light gray	 <b>Item No.: 2002-423/000-005</b> Continuous jumper; from 1 to 3; insulated; red
 <b>Item No.: 2002-424/000-006</b> Continuous jumper; from 1 to 4; insulated; blue	 <b>Item No.: 2002-424</b> Continuous jumper; from 1 to 4; insulated; light gray	 <b>Item No.: 2002-424/000-005</b> Continuous jumper; from 1 to 4; insulated; red	 <b>Item No.: 2002-406/020-000</b> Delta jumper; insulated; light gray
 <b>Item No.: 2002-410/000-006</b> Jumper; 10-way; insulated; blue	 <b>Item No.: 2002-410</b> Jumper; 10-way; insulated; light gray	 <b>Item No.: 2002-410/000-005</b> Jumper; 10-way; insulated; red	 <b>Item No.: 2002-402/000-006</b> Jumper; 2-way; insulated; blue
 <b>Item No.: 2002-402</b> Jumper; 2-way; insulated; light gray	 <b>Item No.: 2002-402/000-005</b> Jumper; 2-way; insulated; red	 <b>Item No.: 2002-403/000-006</b> Jumper; 3-way; insulated; blue	 <b>Item No.: 2002-403</b> Jumper; 3-way; insulated; light gray
 <b>Item No.: 2002-403/000-005</b> Jumper; 3-way; insulated; red	 <b>Item No.: 2002-404/000-006</b> Jumper; 4-way; insulated; blue	 <b>Item No.: 2002-404</b> Jumper; 4-way; insulated; light gray	 <b>Item No.: 2002-404/000-005</b> Jumper; 4-way; insulated; red
 <b>Item No.: 2002-405/000-006</b> Jumper; 5-way; insulated; blue	 <b>Item No.: 2002-405</b> Jumper; 5-way; insulated; light gray	 <b>Item No.: 2002-405/000-005</b> Jumper; 5-way; insulated; red	 <b>Item No.: 2002-406/000-006</b> Jumper; 6-way; insulated; blue
 <b>Item No.: 2002-406</b> Jumper; 6-way; insulated; light gray	 <b>Item No.: 2002-406/000-005</b> Jumper; 6-way; insulated; red	 <b>Item No.: 2002-407/000-006</b> Jumper; 7-way; insulated; blue	 <b>Item No.: 2002-407</b> Jumper; 7-way; insulated; light gray
 <b>Item No.: 2002-407/000-005</b> Jumper; 7-way; insulated; red	 <b>Item No.: 2002-408/000-006</b> Jumper; 8-way; insulated; blue	 <b>Item No.: 2002-408</b> Jumper; 8-way; insulated; light gray	 <b>Item No.: 2002-408/000-005</b> Jumper; 8-way; insulated; red
 <b>Item No.: 2002-409/000-006</b> Jumper; 9-way; insulated; blue	 <b>Item No.: 2002-409</b> Jumper; 9-way; insulated; light gray	 <b>Item No.: 2002-409/000-005</b> Jumper; 9-way; insulated; red	 <b>Item No.: 2002-440</b> Jumper; from 1 to 10; insulated; light gray
 <b>Item No.: 2002-433</b> Jumper; from 1 to 3; insulated; light gray	 <b>Item No.: 2002-434</b> Jumper; from 1 to 4; insulated; light gray	 <b>Item No.: 2002-435</b> Jumper; from 1 to 5; insulated; light gray	 <b>Item No.: 2002-436</b> Jumper; from 1 to 6; insulated; light gray
 <b>Item No.: 2002-437</b> Jumper; from 1 to 7; insulated; light gray	 <b>Item No.: 2002-438</b> Jumper; from 1 to 8; insulated; light gray	 <b>Item No.: 2002-439</b> Jumper; from 1 to 9; insulated; light gray	 <b>Item No.: 2002-480</b> Staggered jumper; 10-way; insulated; light gray
 <b>Item No.: 2002-481</b> Staggered jumper; 11-way; insulated; light gray	 <b>Item No.: 2002-482</b> Staggered jumper; 12-way; insulated; light gray	 <b>Item No.: 2002-473/011-000</b> Staggered jumper; 2-way; from 1 to 3; insulated; light gray	 <b>Item No.: 2002-472</b> Staggered jumper; 2-way; insulated; light gray
 <b>Item No.: 2002-473</b> Staggered jumper; 3-way; insulated; light gray	 <b>Item No.: 2002-475/011-000</b> Staggered jumper; 3-way; insulated; light gray	 <b>Item No.: 2002-474</b> Staggered jumper; 4-way; insulated; light gray	 <b>Item No.: 2002-475</b> Staggered jumper; 5-way; insulated; light gray
 <b>Item No.: 2002-476</b> Staggered jumper; 6-way; insulated; light gray	 <b>Item No.: 2002-477</b> Staggered jumper; 7-way; insulated; light gray	 <b>Item No.: 2002-478</b> Staggered jumper; 8-way; insulated; light gray	 <b>Item No.: 2002-479</b> Staggered jumper; 9-way; insulated; light gray



1.2.5.1 Jumper



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.: 210-103  
Wire commoning chain; insulated; black



Item No.: 210-123  
Wire commoning chain; insulated; blue

1.2.6 Marking

1.2.6.1 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



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



Item No.: 793-5501/000-002  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item No.: 2009-115/000-006  
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange



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



1.2.6.2 Marker carrier



**Item No.: 2009-198**  
Adaptor; gray

1.2.6.3 Marking strip



**Item No.: 2009-110**  
Marking strips; for Smart Printer; on reel;  
not stretchable; plain; snap-on type; white

1.2.7 Push-in type wire jumper

1.2.7.1 Jumper



**Item No.: 2009-414**  
Push-in type wire jumper; 1.5 mm²; insu-  
lated; 110 mm long; black



**Item No.: 2009-414/000-005**  
Push-in type wire jumper; 1.5 mm²; insu-  
lated; 110 mm long; black



**Item No.: 2009-416**  
Push-in type wire jumper; 1.5 mm²; insu-  
lated; 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

1.2.8 Screwless end stop

1.2.8.1 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

1.2.9 Test and measurement

1.2.9.1 Testing accessories



**Item No.: 2009-174**  
Test plug adapter; for 4 mm Ø test plugs;  
for testing TOPJOB®S rail-mounted termi-  
nal 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; modu-  
lar; e.g., for bridging commoned terminal  
blocks; gray



1.2.10 Tool

1.2.10.1 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



Push-in termination of solid and ferruled conductors

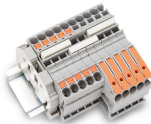


Insert fine-stranded conductors via operating tool.



Removing all conductors via operating tool.

Commoning



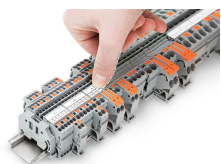
Insert a push-in type jumper bar and push down until it hits the backstop.

Testing

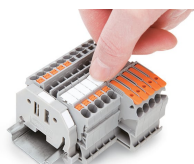


Testing with a 2 mm Ø test plug (max. 42 V).

Marking



Snapping a marking strip into a marker slot.



Snapping a marking strip into the marker slot.