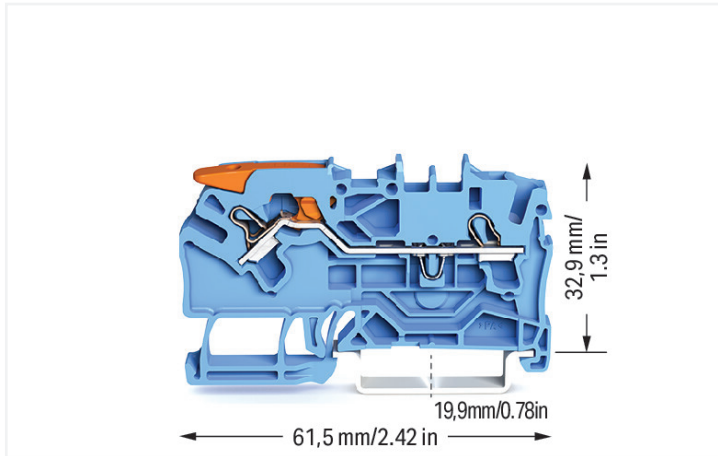


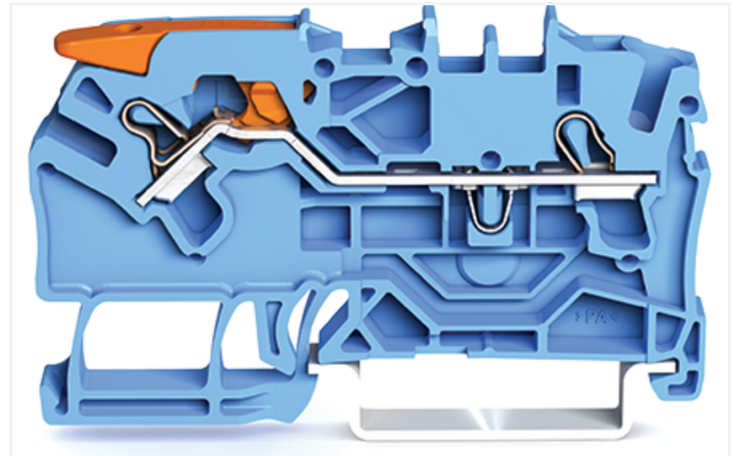
Data Sheet | Item Number: 2102-1204

2-conductor through terminal block; with lever and Push-in CAGE CLAMP®; 2.5 mm²; with test port; suitable for Ex i applications; side and center marking; for DIN-rail 35 x 15 and 35 x 7.5; Push-in CAGE CLAMP®; 2,50 mm²; blue

<https://www.wago.com/2102-1204>



Color: ■ blue



Similar to illustration

Through terminal block, 2102 Series, Push-in CAGE CLAMP®

This through terminal block (item number 2102-1204) streamlines wire connections, making them both quick and easy. Whether for use in industry or building installations, our rail-mount through terminal blocks make it easy to quickly and securely connect electrical conductors. They're perfect for either classic through-wiring or distributing potential, depending on the variant. Rated current and voltage are key factors to consider when selecting a through rail-mount terminal block, as they determine the product's suitability for different applications. This product has a rated voltage of 800 V and a rated current of 24 A. Conductors should only be connected to this through terminal block if their strip length is between 10 mm and 12 mm. This product features conductor terminals and utilizes Push-in CAGE CLAMP®. Push-in CAGE CLAMP® connection technology is ideal for connecting all conductor types. Both solid and fine-stranded conductors with ferrules can be pushed in without needing to use any tools—all thanks to its pluggable design. The dimensions are 5.2 x 61.5 x 39.5 mm (width x height x depth). Depending on the type of conductor, this through terminal block is ideal for conductor cross sections ranging from 0.25 mm² to 4 mm². It has one level. You can connect a single potential using the two clamping points. The blue housing is made of polyamide (PA66) for insulation. Lever, operating tool is used to operate this through rail-mount terminal block. Our TOPJOB® S rail-mount terminal blocks are perfect for a wide range of industrial applications and modern building installations as they ensure secure electrical connections. You can work anywhere in the world and on any application with just a single rail-mount terminal block system. These through rail-mount terminal blocks are mounted using DIN-35 rails. The front-entry wiring means you can connect copper conductors. The two jumper slots enable potential distribution to other clamping points. This product is designed for specific Ex applications (please refer to the product datasheet).

Electrical data

Ratings per IEC/EN 60947-7-1				Approvals per UL 1059			
Overvoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	600 V	600 V	-
Nominal voltage	800 V	-	-	Rated current	20 A	20 A	-
Rated surge voltage	8 kV	-	-				
Rated current	24 A	-	-				
Current at conductor cross-section (max.) mm²	32 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 18 ATEX 1010 U / IECEx: PTB 18.0001U (Ex eb IIC Gb)
Rated voltage EN (Ex e II)	550 V
Rated current (Ex e II)	23.5 A
Rated current (Ex e II) with jumper	20 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

Clamping units	2
Total number of potentials	1
Number of levels	1
Number of jumper slots	2

Connection 1	
Connection technology	Push-in CAGE CLAMP®
Actuation type	Lever
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

Connection 2	
Actuation type	Operating tool



Physical data	
Width	5.2 mm / 0.205 inches
Height	61.5 mm / 2.421 inches
Depth from upper-edge of DIN-rail	32.9 mm / 1.295 inches
Depth	39.5 mm / 1.555 inches

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

Material data	
Note (material data)	Information on material specifications can be found here
Color	blue
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.153 MJ
Actuator color	orange
Weight	6.9 g

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

Commercial data	
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143741743
Customs tariff number	85369010000

Product classification	
UNSPSC	39121410

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates





General approvals		
General approvals		
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-102882
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7670
CSA DEKRA Certification B.V.	C22.2	70175030
cURus Underwriters Laboratories Inc.	UL 1059	E45172



Declarations of conformity and manufacturer's declarations







Approval	Standard	Certificate Name
ATEX-Attestation of Con- formity WAGO GmbH & Co. KG	-	-
EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-

Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	19-HG1866350-PDA
BV Bureau Veritas S.A.	IEC 60947	58186/A0 BV
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00003JT
LR Lloyds Register	-	19/20050

Approvals for hazardous areas



Approval	Standard	Certificate Name
AEx Underwriters Laboratories Inc.	UL 60079	20181105-E185892 (AEx eb IIC resp. Ex eb IIC)
ATEX Physikalisch Technische Bundesanstalt	EN 60079-0	PTB 18 ATEX 1010 U (II 2 G Ex eb IIC Gb bzw. I M 2 Ex eb I Mb)
CCC CNEX	GB/T 3836.3	2020312313000163 (Ex eb IIC Gb, Ex eb I Mb)
IECEX Physikalisch Technische Bundesanstalt	IEC 60079-0	IECEX PTB 18.0017U (Ex eb IIC Gb resp. Ex eb I Mb)
INMETRO TÜV Rheinland do Brasil Ltda.	IEC 60079	TÜV 19.0818 U

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 2102-1204




Documentation

Additional Information
Technical Section

Bid Text
2102-1204
15.05.2019
xml 4.01 KB
2102-1204
14.05.2019
docx 14.51 KB



CAD/CAE-Data

CAD data	CAE data
2D/3D Models 2102-1204 	EPLAN Data Portal 2102-1204 
	ZUKEN Portal 2102-1204 

1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



Item No.: 2102-1291
End and intermediate plate; 0.8 mm thick; gray



Item No.: 2102-1292
End and intermediate plate; 0.8 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.: 210-197
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715; silver-colored



Item No.: 210-114
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.: 210-113
Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; 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



1.2.2.1 Ferrule



Item No.: 216-266
Ferrule; Sleeve for 2.5 mm² / AWG 14; in-
sulated; 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



Item No.: 2002-400
Continuous jumper; 2-way; insulated; light
gray



Item No.: 2002-413
Continuous jumper; 3-way; insulated;
light gray



Item No.: 2002-415
Continuous jumper; 5-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



1.2.5.1 Jumper

 <u>Item No.: 2002-410/000-005</u> Jumper; 10-way; insulated; red	 <u>Item No.: 2002-402/000-006</u> Jumper; 2-way; insulated; blue	 <u>Item No.: 2002-402</u> Jumper; 2-way; insulated; light gray	 <u>Item No.: 2002-402/000-005</u> Jumper; 2-way; insulated; red
 <u>Item No.: 2002-403/000-006</u> Jumper; 3-way; insulated; blue	 <u>Item No.: 2002-403</u> Jumper; 3-way; insulated; light gray	 <u>Item No.: 2002-403/000-005</u> Jumper; 3-way; insulated; red	 <u>Item No.: 2002-404/000-006</u> Jumper; 4-way; insulated; blue
 <u>Item No.: 2002-404</u> Jumper; 4-way; insulated; light gray	 <u>Item No.: 2002-404/000-005</u> Jumper; 4-way; insulated; red	 <u>Item No.: 2002-405/000-006</u> Jumper; 5-way; insulated; blue	 <u>Item No.: 2002-405</u> Jumper; 5-way; insulated; light gray
 <u>Item No.: 2002-405/000-005</u> Jumper; 5-way; insulated; red	 <u>Item No.: 2002-406/000-006</u> Jumper; 6-way; insulated; blue	 <u>Item No.: 2002-406</u> Jumper; 6-way; insulated; light gray	 <u>Item No.: 2002-406/000-005</u> Jumper; 6-way; insulated; red
 <u>Item No.: 2002-407/000-006</u> Jumper; 7-way; insulated; blue	 <u>Item No.: 2002-407</u> Jumper; 7-way; insulated; light gray	 <u>Item No.: 2002-407/000-005</u> Jumper; 7-way; insulated; red	 <u>Item No.: 2002-408/000-006</u> Jumper; 8-way; insulated; blue
 <u>Item No.: 2002-408</u> Jumper; 8-way; insulated; light gray	 <u>Item No.: 2002-408/000-005</u> Jumper; 8-way; insulated; red	 <u>Item No.: 2002-409/000-006</u> Jumper; 9-way; insulated; blue	 <u>Item No.: 2002-409</u> Jumper; 9-way; insulated; light gray
 <u>Item No.: 2002-409/000-005</u> Jumper; 9-way; insulated; red	 <u>Item No.: 2002-440</u> Jumper; from 1 to 10; insulated; light gray	 <u>Item No.: 2002-433</u> Jumper; from 1 to 3; insulated; light gray	 <u>Item No.: 2002-434</u> Jumper; from 1 to 4; insulated; light gray
 <u>Item No.: 2002-435</u> Jumper; from 1 to 5; insulated; light gray	 <u>Item No.: 2002-436</u> Jumper; from 1 to 6; insulated; light gray	 <u>Item No.: 2002-437</u> Jumper; from 1 to 7; insulated; light gray	 <u>Item No.: 2002-438</u> Jumper; from 1 to 8; insulated; light gray
 <u>Item No.: 2002-439</u> Jumper; from 1 to 9; insulated; light gray	 <u>Item No.: 2002-480</u> Staggered jumper; 10-way; insulated; light gray	 <u>Item No.: 2002-481</u> Staggered jumper; 11-way; insulated; light gray	 <u>Item No.: 2002-482</u> Staggered jumper; 12-way; insulated; light gray
 <u>Item No.: 2002-473/011-000</u> Staggered jumper; 2-way; from 1 to 3; insulated; light gray	 <u>Item No.: 2002-472</u> Staggered jumper; 2-way; insulated; light gray	 <u>Item No.: 2002-473</u> Staggered jumper; 3-way; insulated; light gray	 <u>Item No.: 2002-475/011-000</u> Staggered jumper; 3-way; insulated; light gray
 <u>Item No.: 2002-474</u> Staggered jumper; 4-way; insulated; light gray	 <u>Item No.: 2002-475</u> Staggered jumper; 5-way; insulated; light gray	 <u>Item No.: 2002-476</u> Staggered jumper; 6-way; insulated; light gray	 <u>Item No.: 2002-477</u> Staggered jumper; 7-way; insulated; light gray
 <u>Item No.: 2002-478</u> Staggered jumper; 8-way; insulated; light gray	 <u>Item No.: 2002-479</u> Staggered jumper; 9-way; insulated; light gray	 <u>Item No.: 210-103</u> Wire commoning chain; insulated; black	 <u>Item No.: 210-123</u> Wire commoning chain; insulated; blue
 <u>Item No.: 2002-481/011-000</u> Staggered jumper; insulated; light gray	 <u>Item No.: 2002-405/011-000</u> Star point jumper; 3-way; insulated; light gray		

1.2.6 Marking

1.2.6.1 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

1.2.6.2 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.: 793-5501/000-007

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 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.: 2009-115/000-024

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



1.2.6.3 Marker carrier



Item No.: [2002-161](#)
Adaptor; gray



Item No.: [2009-198](#)
Adaptor; gray

1.2.6.4 Marking strip



Item No.: [2009-110](#)
Marking strips; for Smart Printer; on reel;
not stretchable; plain; snap-on type; white

1.2.7 Plug

1.2.7.1 Component module with diode



Item No.: [2002-880/1000-411](#)
Component plug; 2-pole; with diode
1N4007; 10.4 mm wide; Operating tempe-
rature 85°C max.; gray

1.2.7.2 Component module with LED



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



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



Item No.: [2002-880/1000-542](#)
Component plug; 2-pole; LED (red); 10.4
mm wide; Operating temperature 85°C
max.; multicoloured

1.2.7.3 Empty component plug housing



Item No.: [2002-880](#)
Empty component plug housing; 10.4 mm
wide; 2-pole; Type 4; gray

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.: 2002-560
Modular TOPJOB®S connector; modular; for jumper contact slot; 10-pole; 2,50 mm²; gray



Item No.: 2002-511
Modular TOPJOB®S connector; modular; for jumper contact slot; 1-pole; 2,50 mm²; 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.: 2002-549
Spacer module; modular; e.g., for bridging commoned terminal blocks; gray



Item No.: 2009-174
Test plug adapter; for 4 mm Ø test plugs; for testing TOPJOB®S rail-mounted terminal blocks; gray



Item No.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red



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

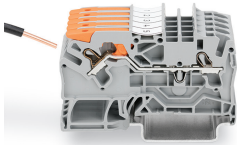
Item No.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

Installation Notes

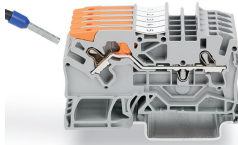
Conductor termination



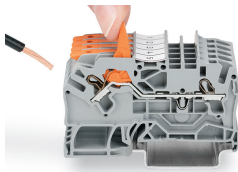
All conductor types at a glance



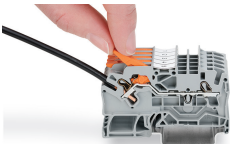
Push-in termination of solid conductors



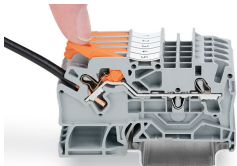
Push-in termination of fine-stranded conductors with ferrules



Pull the lever up until it stops, then connect the fine-stranded conductor.

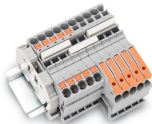


Push the lever back down – done!



Push the lever back down – done!

Commoning

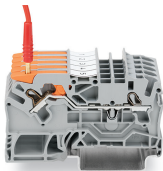


Insert a push-in type jumper bar and push down until it hits the backstop.



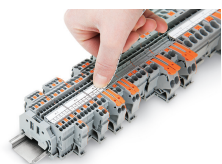
Commoning with step-down jumpers.

Testing

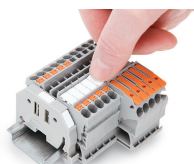


Testing with a 2 mm Ø test plug (max. 42 V).

Marking



Snapping a marking strip into a marker slot.



Snapping a marking strip into the marker slot.