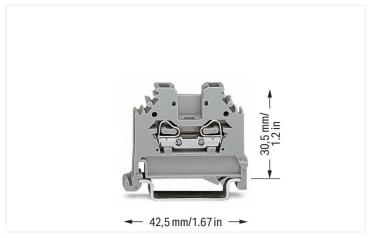
2-conductor through terminal block; 2.5 mm²; lateral marker slots; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP[®]; 2,50 mm²; gray



https://www.wago.com/280-101





Color: ■ gray



Similar to illustration

Through terminal block, 280 Series, CAGE CLAMP®

Quick and easy connections are guaranteed with this through terminal block (item number 280-101). Whether in industrial or building applications, our rail-mount through terminal blocks are the perfect solution to quickly and securely connect electrical conductors. Depending on the model, you can use them for either typical through-wiring or potential distribution. This through rail-mount terminal block has a rated voltage of 800 V and can handle currents up to 24 A. Strip lengths must be between 8 mm and 9 mm when connecting conductors to this through terminal block. This product features conductor terminals and utilizes CAGE CLAMP®. Our reliable and maintenance-free CAGE CLAMP® connection makes it easy to connect all conductor types without having to prepare the conductor. For example, you don't need to crimp ferrules. Depending on the type of conductor, this through terminal block is designed for conductor cross sections ranging from 0.08 mm² to 2.5 mm². It comes with one level and two clamping points for connecting a single potential. The gray housing is made of polyamide (PA66) for insulation. This through rail-mount terminal block is operated with an operating tool. These through rail-mount terminal blocks are mounted using DIN-35 rails.. The side-entry wiring means you can connect copper, aluminum conductors.

Electrical data			
Ratings per	IEC/	EN 60947-	7-1
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	800 V	-	-
Rated surge voltage	8 kV	-	-
Rated current	24 A	-	-

Approvals per		UL 1059	
Use group	В	С	D
Rated voltage	-	600 V	-
Rated current	-	20 A	-

Data Sheet | Item Number: 280-101 https://www.wago.com/280-101



Approvals per	CSA 22.2 No 158		
Use group	В	С	D
Rated voltage	-	600 V	-
Rated current	-	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

CLAMP® Spring Pres Technology, aluminu first be cleaned with immediately inserted units filled with "Alu-F It is also possible to a Plus" additionally on of the aluminum cond nation. Please note that the i must be adapted to t tivity of the aluminum 2.5 mm² = 16 A 4 mm² = 22 A Solid conductor 0.08 2.5 mm² / 28. Fine-stranded conductor 0.08 2.5 mm² / 28. Note (conductor cross-section) 12 AWG: THHN, THW				
Connectable conductor materials Connectable conductor materials (note) Terminating Alumin WAGO Spring-Clamp suitable for solid alun up to 4 mm²/12 AWG Contact Paste 249-2 mination. "Alu-Plus" Contact Paste 249-2 mination. "Alu-Plus" Contact Paste 249-3 mination. Prevents fresh oxid ping point. Prevents electrolyt ween aluminum and of (in the same terminal) Provides long-term corrosion. Using terminal blocks CLAMP® Spring Pres Technology, aluminu first be cleaned with immediately inserted units filled with "Alu-Flus" additionally on of the aluminum cont nation. Please note that the must be adapted to thirty of the aluminum 2.5 mm² = 16 A 4 mm² = 22 A Solid conductor O.08 2.5 mm² / 28. Note (conductor cross-section) 12 AWG: THHN, THW				
Actuation type Connectable conductor materials Copper Aluminum Connectable conductor materials (note) Connectable conductor materials (note) Terminating Alumin WAGO Spring-Clamp suitable for solid alun up to 4 mm²/12 AWG Contact Paste 249 -: mination. "Alu-Plus" Contact Paste 249 -: nination. "Alu-Plus" Contact Paste 249 -: nination. "Alu-Plus" Contact Paste 249 -: nination. "Prevents fresh oxid ping point. Prevents electrolyt ween aluminum and (in the same terminal). Provides long-term corrosion. Using terminal blocks CLAMP® Spring Pres Technology, aluminum first be cleaned with immediately inserted units filled with "Alu-Plus" additionally on of the aluminum contration. Please note that the must be adapted to thivity of the aluminum 2.5 mm² = 16 A 4 mm² = 22 A Solid conductor O.08 2.5 mm² / 28. Note (conductor cross-section) 12 AWG: THHN, THW		2	Connection 1	
Connectable conductor materials Copper Aluminum Connectable conductor materials (note) Connectable conductor materials (note) Freminating Alumin WAGO Spring-Clamp suitable for solid alum up to 4 mm²/12 AWG Contact Paste 249-1 mination. "Alu-Plus" Contact Paste 249-1 mination. "Alu-Plus" Contact Paste during clamping. Prevents fresh oxide ping point. Prevents electrolythe ween aluminum and of (in the same terminal). Provides long-term corrosion. Using terminal blocks CLAMP® Spring Press Technology, aluminum first be claened with immediately inserted units filled with "Alu-Flus" additionally on of the aluminum condition. Please note that the Inmust be adapted to the tivity of the aluminum 2.5 mm² - 16 A 4 mm² = 22 A Solid conductor O.882.5 mm² / 28. Note (conductor cross-section) 12 AWG: THHN, THW.		1	Connection technology	CAGE CLAMP®
Aluminum Connectable conductor materials (note) Terminating Alumin WAGO Spring-Clams suitable for solid alur up to 4 mm²/12 AWC Contact Paste 249-mination. "Alu-Plus" Contact P. • Automatically dest during clamping. • Prevents fresh oxic ping point. • Prevents electroly ween aluminum and (in the same termina) • Provides long-term corrosion. Using terminal block CLAMP® Spring Prese Technology, aluminum first be cleaned with immediately inserted units filled with "Alu-It is also possible to Plus" additionally or of the aluminum con nation. Please note that the must be adapted to the trivity of the aluminum 2.5 mm² = 16 A 4 mm² = 22 A Solid conductor O.08 2.5 mm² / 28 Note (conductor cross-section) 12 AWG: THHN, THM	1		Actuation type	Operating tool
WAGO Spring-Clam suitable for solid alu up to 4 mm²/12 AW. Contact Paste 249: mination. "Alu-Plus" Contact F • Automatically des during clamping. • Prevents fresh oxi ping point. • Prevents electroly ween aluminum and (in the same termina. • Provides long-tern corrosion. Using terminal bloct CLAMP® Spring Pre Technology, alumin first be cleaned with immediately inserte units filled with "Alu- It is also possible to Plus" additionally of the aluminum cornation. Please note that the must be adapted to tivity of the aluminum 2.5 mm² = 16 A 4 mm² = 22 A Solid conductor O.08 2.5 mm² / 28 Fine-stranded conductor Note (conductor cross-section) 12 AWG: THHN, THV			Connectable conductor materials	
Automatically des during clamping. Prevents fresh ox ping point. Prevents electrol ween aluminum and (in the same termin Provides long-ter corrosion. Using terminal bloc CLAMP® Spring Pre Technology, alumin first be cleaned with immediately inserts units filled with "Alult lit is also possible to Plus" additionally of the aluminum conation. Please note that the must be adapted to tivity of the aluminum 2.5 mm² = 16 A 4 mm² = 22 A Solid conductor O.08 2.5 mm² / 2.0 Fine-stranded conductor O.08 2.5 mm² / 2.0 Note (conductor cross-section) 12 AWG: THHN, TH			Connectable conductor materials (note)	WAGO Spring-Clan suitable for solid all up to 4 mm²/12 AW Contact Paste 249
during clamping. Prevents fresh oping point. Prevents electroween aluminum a (in the same term Provides long-to corrosion. Using terminal bld CLAMP® Spring P Technology, alum first be cleaned or immediately inser units filled with "A It is also possible Plus" additionally of the aluminum or nation. Please note that to must be adapted tivity of the aluminum or nation. Please note that to must be adapted tivity of the aluminum or nation. Solid conductor O.08 2.5 mm² / Fine-stranded conductor O.08 2.5 mm² / Note (conductor cross-section)				"Alu-Plus" Contac
CLAMP® Spring Pres Technology, aluminu first be cleaned with immediately inserted units filled with "Alu-F It is also possible to a Plus" additionally on of the aluminum con nation. Please note that the must be adapted to t tivity of the aluminum 2.5 mm² = 16 A 4 mm² = 22 A Solid conductor 0.08 2.5 mm² / 28. Fine-stranded conductor 0.08 2.5 mm² / 28. Note (conductor cross-section) 12 AWG: THHN, THW				during clamping. Prevents fresh oxid ping point. Prevents electrolyt ween aluminum and (in the same terminal Provides long-term
Plus" additionally on of the aluminum condition. Please note that the must be adapted to to tivity of the aluminum 2.5 mm² = 16 A 4 mm² = 22 A Solid conductor O.08 2.5 mm² / 28. Fine-stranded conductor Note (conductor cross-section) 12 AWG: THHN, THW				Using terminal blocks CLAMP® Spring Pres Technology, aluminu first be cleaned with immediately inserted units filled with "Alu-F
must be adapted to t tivity of the aluminum 2.5 mm² = 16 A 4 mm² = 22 A Solid conductor 0.08 2.5 mm² / 28 . Fine-stranded conductor 0.08 2.5 mm² / 28 . Note (conductor cross-section) 12 AWG: THHN, THW				It is also possible to a Plus" additionally on of the aluminum cond nation.
Fine-stranded conductor 0.08 2.5 mm² / 28 Note (conductor cross-section) 12 AWG: THHN, THW				
Note (conductor cross-section) 12 AWG: THHN, THW			Solid conductor	0.08 2.5 mm ² / 28 .
			Fine-stranded conductor	0.08 2.5 mm² / 28 .
Strip length 8 9 mm / 0.31 0.			Note (conductor cross-section)	12 AWG: THHN, THW
			Strip length	8 9 mm / 0.31 0.3

Physical data	
Width	5 mm / 0.197 inches
Height	42.5 mm / 1.673 inches
Depth from upper-edge of DIN-rail	30.5 mm / 1.201 inches

Wiring direction

Side-entry wiring

https://www.wago.com/280-101



Mechanical dataDesignhorizontal typeMounting typeDIN-35 railMarking levelSide marking

Material data	
Note (material data)	
	<u>Information on material specifications can be found here</u>
Color	gray
Material group	1
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.084 MJ
Weight	4.1 g

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

Commercial data	
Product Group	1 (Rail Mounted Terminal Blocks)
eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 9.0	EC000897
ETIM 8.0	EC000897
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	IN
GTIN	4045454075552
Customs tariff number	85369010000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals







Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	2157201.01
CSA DEKRA Certification B.V.	C22.2	1536071
UL UL International Germany GmbH	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

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

Data Sheet | Item Number: 280-101 https://www.wago.com/280-101



Approvals for marine applications









VERITAS	DNV.COM(NF	
Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	20-HG1941090-PDA
BV Bureau Veritas S.A.	EN 60947	07436/F0 BV
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2
LR Lloyds Register	EN 60947	91/20112 (E9)

Downloads				
Environmental Product Compliance				
Compliance Search				
Environmental Product Compliance 280-101	\perp			

Documentation						
Additional Information			Bid Text			
Technical Section	pdf 2246.92 KB	<u>↓</u>	280-101	19.02.2019	xml 3.27 KB	$\underline{\downarrow}$
			280-101	31.05.2017	doc 24.00 KB	$\overline{\downarrow}$

CAD/CAE-Data				
CAD data	CAE data			
2D/3D Models 280-101	EPLAN Data Portal 280-101			
	WSCAD Universe 280-101			
	ZUKEN Portal 280-101			



1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



Item No.: 280-301

End and intermediate plate; 2.5 mm thick; grav



Item No.: 280-302
End and intermediate plate; 2.5 mm thick; orange



Item No.: 280-332

Separator plate; 2 mm thick; oversized; grav



Item No.: 280-322

Separator plate; 2 mm thick; oversized; orange

1.2 Optional Accessories

1.2.1 DIN-rail

1.2.1.1 Mounting accessories





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



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



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





Item No.: 210-196

60715; silver-colored

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

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm

thick; 2 m long; unslotted; similar to EN

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.: 281-333

Step-down intermediate plate; 1 mm thick; "only for 4 mm terminal blocks; gray

1.2.3 Ferrule

1.2.3.1 Ferrule



Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow

Item No.: 216-302

Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise

Item No.: 216-201

Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; acc. to DIN 46228, Part 4/09.90; white

Item No.: 216-101

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated; silver-colored

https://www.wago.com/280-101



1.2.3.1 Ferrule

Item No.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

Item No.: 216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated; silver-colored

Item No.: 216-203

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red

Item No.: 216-103

Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated



Item No.: 216-204

Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

Item No.: 216-104

Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated; silver-colored

1.2.4 Installation

1.2.4.1 Cover



Item No.: 709-153

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

1.2.4.2 Cover carrier



Item No.: 709-167

Cover carrier; Type 1; 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

1.2.4.3 Mounting accessories





Item No.: 209-106

Mounting carrier; for isolated mounting on DIN 35 rails; gray

Item No.: 249-116

Screwless end stop; 6 mm wide; for DINrail 35 x 15 and 35 x 7.5; gray

1.2.5 Jumper

1.2.5.1 Jumper

Item No.: 280-402

Jumper; insulated; gray

Item No.: 280-409

Jumper; insulated; gray

Item No.: 280-422

Jumper; insulated; yellow-green

Item No.: 780-452

Staggered jumper; from 1 to 2; insulated; gray



Staggered jumper; from 1 to 3; insulated; gray

Item No.: 780-454

Staggered jumper; from 1 to 4; insulated; gray

Item No.: 780-455

Staggered jumper; from 1 to 5; insulated; gray

Item No.: 780-456

Staggered jumper; from 1 to 6; insulated; gray



Item No.: 780-457

Staggered jumper; from 1 to 7; insulated; gray

Item No.: 780-458

Staggered jumper; from 1 to 8; insulated; gray

<u>Item No.: 284-414</u>

Step-down jumper; from 284/282 to 281/280/279 series; insulated; gray

Item No.: 709-110

Wire commoning chain; 2.5 mm²; insulated; black

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1.2.5.1 Jumper









Item No.: 709-111

Wire commoning chain; 2.5 mm²; insulated; black

Item No.: 709-112

Item No.: 209-141

Group marker carrier; gray

Wire commoning chain; 2.5 mm²; insulated: black

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 Group marker carrier





Group marker carrier; gray



Item No.: 209-142

Item No.: 249-105

Group marker carrier; gray

1.2.6.2 Marker

Item No.: 209-140

Group marker carrier; gray



WMB marking card; as card; for terminal

block width 5 - 17.5 mm; stretchable 5 -



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.: 793-5501/000-017

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

Item No.: 793-5501/000-006

5.2 mm; plain; snap-on type; blue

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

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; 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

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 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



WMB marking card; as card; not stretcha-

Item No.: 793-501/000-007

WMB marking card; as card; not stretchable; plain; snap-on type; gray

Item No.: 793-501/000-023

WMB marking card; as card; not stretchable; plain; snap-on type; green



Item No.: 793-501/000-017

WMB marking card; as card; not stretchable; plain; snap-on type; light green



Item No.: 793-501/000-012

Item No.: 793-501/000-006

ble; plain; snap-on type; blue

WMB marking card; as card; not stretchable; plain; snap-on type; orange



Item No.: 793-501/000-005

WMB marking card; as card; not stretchable; plain; snap-on type; red



Item No.: 793-501/000-024

WMB marking card; as card; not stretchable; plain; snap-on type; violet





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.: 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;



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

snap-on type; light green



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

Page 7/10 Version 14.02.2025 Continued on next page

https://www.wago.com/280-101



1.2.7 Plug

1.2.7.1 Component module with diode





Item No.: 280-803/281-411

Component plug; 2-pole; with diode 1N4007; 10 mm wide; gray

Item No.: 280-803/281-420

Component plug; 2-pole; with rectifier diode and LED; 10 mm wide; gray

Item No.: 280-803/281-421

Component plug; 2-pole; with rectifier diode and LED; 10 mm wide; gray

1.2.7.2 Component module with LED



Component plug; 2-pole; LED (red); 10



Component plug; 2-pole; LED (red); 10

Item No.: 280-803/281-413

Component plug; 2-pole; LED (red); 24 VDC; 10 mm wide; gray



Item No.: 280-803/281-414

Component plug; 2-pole; LED (red); 48 VDC; 10 mm wide; gray

Item No.: 280-803/281-415

mm wide; gray

Item No.: 280-803/281-420 Component plug; 2-pole; with rectifier diode and LED; 10 mm wide; gray

Item No.: 280-803/281-421

Item No.: 280-803/281-416

mm wide; gray

Component plug; 2-pole; with rectifier diode and LED; 10 mm wide; gray

1.2.7.3 Empty component plug housing



Item No.: 280-803

Empty component plug housing; 10 mm wide; Type 4; 2-pole; gray

1.2.7.4 Neon indicator module





Item No.: 280-803/281-417

Component plug; 2-pole; 10 mm wide; gray

Item No.: 280-803/281-418

Component plug; 2-pole; 10 mm wide; gray

1.2.8 Protective warning marker

1.2.8.1 Cover



Item No.: 280-405

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

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1.2.9 Push-in type wire jumper

1.2.9.1 Jumper

Item No.: 249-126

Push-in type wire jumper; 0.75 mm²; insulated; 110 mm long; black

Item No.: 249-123

Push-in type wire jumper; 0.75 mm²; insulated; 180 mm long; black

Item No.: 249-127

Push-in type wire jumper; 0.75 mm²; insulated; 250 mm long; black

Item No.: 249-125

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

1.2.10 Test and measurement

1.2.10.1 Testing accessories

Ī

Item No.: 249-147
B-type test plug module; modular; 2,50 mm²; gray

Item No.: 280-404

Test plug adapter; 5 mm wide; for test plug (2.3 mm \emptyset); suitable for 1.5 mm² - 4 mm² tbs; gray

Item No.: 209-170

Test plug adapter; 8.3 mm wide; for 4 mm \emptyset test plugs; suitable for 1.5 mm 2 - 10 mm 2 tbs; gray

Item No.: 281-407

Test plug; 6 mm wide; Nominal current 24 A; for 0.08 mm² - 2.5 mm²; 2,50 mm²; gray

1.2.11 Tool

1.2.11.1 Operating tool

Item No.: 210-658

Operating tool; Blade: 3.5×0.5 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

Item No.: 210-657

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short; multicolou-

Installation Notes

Installation



Snapping side-entry rail-mount terminal blocks onto the DIN-rail.



Quick assembly keys prevent reverse mounting.



Removing a terminal block from the assembly.

Conductor termination



CAGE CLAMP® connection

Inserting a conductor.
With ferruled conductors, it is necessary to use a terminal block one size larger than the conductor's nominal cross-section.

https://www.wago.com/280-101



Commoning



Commoning using an adjacent jumper (280-402). Push jumper down until fully inserted.

Testing



Testing with a test plug. Picture shows a test plug adapter (209-170).



When operating the handles beyond the locked position, the ratchet allows the tool to open and be removed from the terminal block.

Marking



Labeling via WMB Multi Marking System.

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

Current addresses can be found at:: $\underline{www.wago.com}$

Page 10/10 Version 14.02.2025