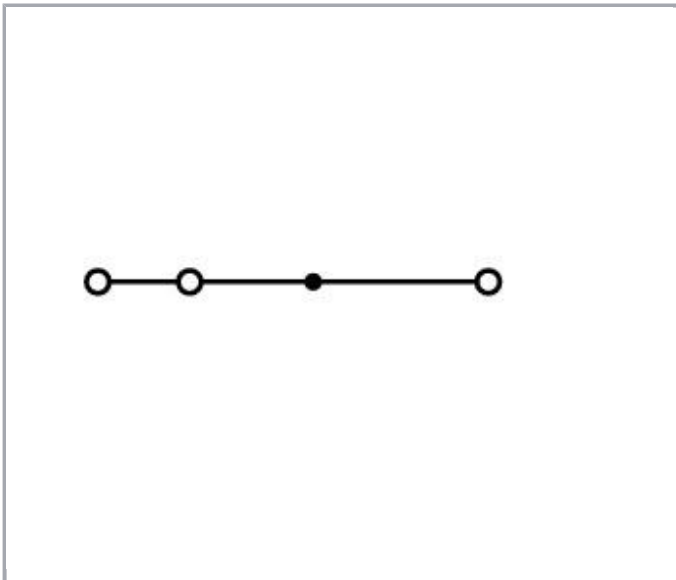
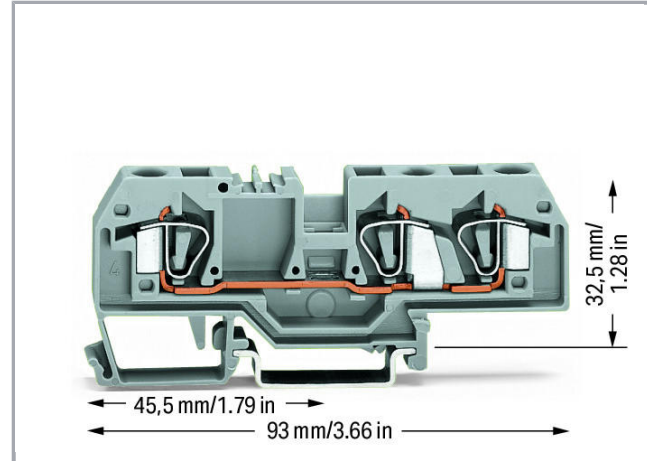
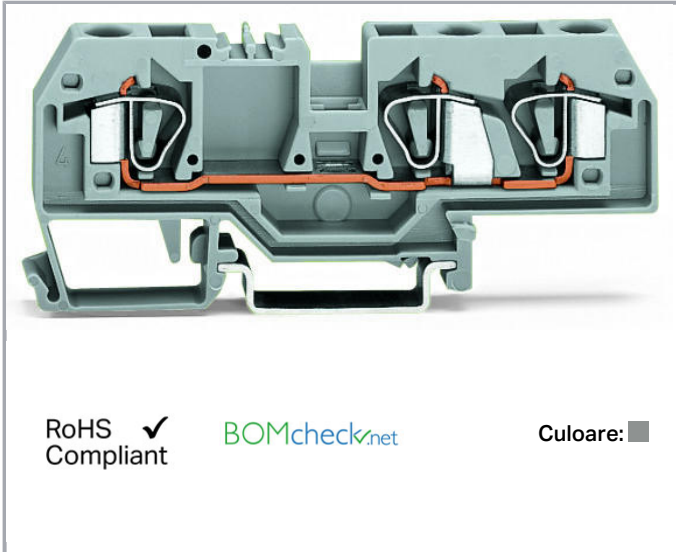


Fișă tehnică | Număr articol: 282-681

3-conductor through terminal block; 6 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 6,00 mm²; gray



www.wago.com/282-681



Date

Electrical data

Ratings per IEC/EN 60664-1

Ratings per

IEC/EN 60947-7-1

Supus modificărilor.

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/Representative Office Romania
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Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



Nominal voltage (III/3)	800 V
Rated surge voltage (III/3)	8 kV
Rated current	41 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0,2 ... 6 mm ² / 24 ... 10 AWG
Fine-stranded conductor	0,2 ... 6 mm ² / 24 ... 10 AWG
Strip length	12 ... 13 mm / 0.47 ... 0.51 inch
Total number of connection points	3
Total number of potentials	1
Number of levels	1
Wiring type	Front-entry wiring

Geometrical Data

Width	8 mm / 0.315 inch
Height from upper-edge of DIN-rail	32,5 mm / 1.28 inch
Depth	93 mm / 3.661 inch

Mechanical data

Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Center marking

Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,335 MJ
Weight	21,4 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX

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Country of origin	DE
GTIN	4044918386098
Customs tariff number	85369010000

Aprobări / certificate

Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 60947	2195540.01
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7522
	CSA DEKRA Certification B.V.	C22.2 No. 158	1505033

Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	EN 60947	20-HG1941090-PDA
	BV Bureau Veritas S.A.	EN 60947	07436/E0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)


UL-Approvals

Nume

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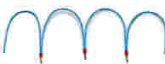







Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

Emblemă	Aprobare	Text de aprobare suplimentar	certificat
	UL UL International Germany GmbH	UL 1059	20190731- E45172

Counterpart

Produse compatibile

Jumper

	Nr. articol: 210-103 Wire commoning chain; insulated; 50 connections; black	www.wago.com/210-103
	Nr. articol: 210-123 Wire commoning chain; insulated; 50 connections	www.wago.com/210-123
	Nr. articol: 282-402 Adjacent jumper; insulated; Nominal current 41 A	www.wago.com/282-402
	Nr. articol: 282-409 Alternate jumper; insulated; Nominal current 41 A; gray	www.wago.com/282-409
	Nr. articol: 282-422 Adjacent jumper; insulated; Nominal current 41 A; yellow-green	www.wago.com/282-422
	Nr. articol: 282-424 Adjacent jumper; insulated; Nominal current 41 A; orange	www.wago.com/282-424
	Nr. articol: 284-413 Step-down jumper; insulated; from 10/6 mm ² to 6/4 mm ² ; Nominal current 30 A; gray	www.wago.com/284-413
	Nr. articol: 284-414 Step-down jumper; insulated; from 10/6 mm ² to 4/2.5/1.5 mm ² ; Nominal current 15 A; gray	www.wago.com/284-414
	Nr. articol: 709-110 Wire commoning chain; insulated; 4 connections; 3 x 110 mm; black	www.wago.com/709-110

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Nr. articol: 709-111
Wire commoning chain; insulated; 3 connections; 2 x 120 mm; black

www.wago.com/709-111



Nr. articol: 709-112
Wire commoning chain; insulated; 3 connections; 2 x 170 mm; black

www.wago.com/709-112

assembling



Nr. articol: 209-106
Mounting carrier; for isolated mounting on DIN 35 rails; gray

www.wago.com/209-106



Nr. articol: 709-153
Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

www.wago.com/709-153

ferrule



Nr. articol: 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

www.wago.com/216-262



Nr. articol: 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

www.wago.com/216-263



Nr. articol: 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

www.wago.com/216-264



Nr. articol: 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

www.wago.com/216-266



Nr. articol: 216-267
Ferrule; Sleeve for 4 mm² / AWG 12; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray

www.wago.com/216-267

protection



Nr. articol: 282-415
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

www.wago.com/282-415

End plate



Nr. articol: 282-308
End and intermediate plate; 2.5 mm thick; gray

www.wago.com/282-308



Nr. articol: 282-309
Separator plate; 2 mm thick; oversized; gray

www.wago.com/282-309



Nr. articol: 282-339
End and intermediate plate; 2.5 mm thick; orange

www.wago.com/282-339



Nr. articol: 282-340
Separator plate; 2 mm thick; oversized; orange

www.wago.com/282-340



Nr. articol: 282-358
Step-down cover plate; 1 mm thick; in connection with 3-conductor 282-681 terminal blocks; gray

www.wago.com/282-358



Nr. articol: 282-368
Step-down cover plate; 1 mm thick; in connection with 3-conductor 282-681 terminal blocks; orange

www.wago.com/282-368

Supus modificărilor.

tools

**Nr. articol: 210-721**

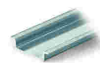
Operating tool; Blade: 5.5 x 0.8 mm; with a partially insulated shaft

www.wago.com/210-721

Carrier rail

**Nr. articol: 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

www.wago.com/210-112**Nr. articol: 210-113**

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

www.wago.com/210-113**Nr. articol: 210-114**

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

www.wago.com/210-114**Nr. articol: 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

www.wago.com/210-115**Nr. articol: 210-118**

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

www.wago.com/210-118**Nr. articol: 210-196**

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored

www.wago.com/210-196**Nr. articol: 210-197**

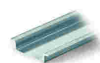
Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715

www.wago.com/210-197**Nr. articol: 210-198**

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

www.wago.com/210-198**Nr. articol: 210-504**

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

www.wago.com/210-504**Nr. articol: 210-505**

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

www.wago.com/210-505**Nr. articol: 210-506**

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

www.wago.com/210-506**Nr. articol: 210-508**

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

www.wago.com/210-508

check

**Nr. articol: 209-170**Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm² - 10 mm² tbs; graywww.wago.com/209-170

General accessories

**Nr. articol: 209-143**

Group marker carrier; gray

www.wago.com/209-143**Nr. articol: 209-144**

Group marker carrier; gray

www.wago.com/209-144

Supus modificărilor.

**Nr. articol: 709-310**

B-type test plug module; modular; suitable for all WAGO 282 Series rail-mounted terminal blocks with jumper slots; 6,00 mm²; gray www.wago.com/709-310

**Nr. articol: 709-311**

B-type spacer module; modular; e.g., for bridging commoned terminal blocks; gray www.wago.com/709-311

Marking accessories**Nr. articol: 2009-115**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white www.wago.com/2009-115

**Nr. articol: 2009-115/000-002**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow www.wago.com/2009-115/000-002

**Nr. articol: 2009-115/000-006**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue www.wago.com/2009-115/000-006

**Nr. articol: 2009-115/000-007**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray www.wago.com/2009-115/000-007

**Nr. articol: 2009-115/000-012**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange www.wago.com/2009-115/000-012

**Nr. articol: 2009-115/000-017**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green www.wago.com/2009-115/000-017

**Nr. articol: 2009-115/000-023**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green www.wago.com/2009-115/000-023

**Nr. articol: 2009-115/000-024**

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet www.wago.com/2009-115/000-024

**Nr. articol: 209-185**

Adaptor; gray www.wago.com/209-185

**Nr. articol: 210-612**

Marking strips; for self-marking; plain; Self-adhesive; transparent www.wago.com/210-612

**Nr. articol: 249-105**

Group marker carrier; gray www.wago.com/249-105














**Nr. articol: 793-501**

WMB marking card; as card; not stretchable; plain; snap-on type; white www.wago.com/793-501

**Nr. articol: 793-501/000-002**

WMB marking card; as card; not stretchable; plain; snap-on type; yellow www.wago.com/793-501/000-002

Supus modificărilor.

	Nr. articol: 793-501/000-005 WMB marking card; as card; not stretchable; plain; snap-on type; red	www.wago.com/793-501/000-005
	Nr. articol: 793-501/000-006 WMB marking card; as card; not stretchable; plain; snap-on type; blue	www.wago.com/793-501/000-006
	Nr. articol: 793-501/000-007 WMB marking card; as card; not stretchable; plain; snap-on type; gray	www.wago.com/793-501/000-007
	Nr. articol: 793-501/000-012 WMB marking card; as card; not stretchable; plain; snap-on type; orange	www.wago.com/793-501/000-012
	Nr. articol: 793-501/000-017 WMB marking card; as card; not stretchable; plain; snap-on type; light green	www.wago.com/793-501/000-017
	Nr. articol: 793-501/000-023 WMB marking card; as card; not stretchable; plain; snap-on type; green	www.wago.com/793-501/000-023
	Nr. articol: 793-501/000-024 WMB marking card; as card; not stretchable; plain; snap-on type; violet	www.wago.com/793-501/000-024
	Nr. articol: 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	www.wago.com/793-5501
	Nr. articol: 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	www.wago.com/793-5501/000-002
	Nr. articol: 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	www.wago.com/793-5501/000-005
	Nr. articol: 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	www.wago.com/793-5501/000-006
	Nr. articol: 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	www.wago.com/793-5501/000-007
	Nr. articol: 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	www.wago.com/793-5501/000-012

Nr. articol: 793-5501/000-014

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

www.wago.com/793-5501/000-014



Nr. articol: 793-5501/000-017

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

www.wago.com/793-5501/000-017



Nr. articol: 793-5501/000-023

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

www.wago.com/793-5501/000-023



Nr. articol: 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

www.wago.com/793-5501/000-024

Descărcări

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2,1 MB	Descărcare
------------------------	-------------	---------------	------------

CAD/CAE-Data

CAD data

2D/3D Models 282-681	URL	Descărcare
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CAE data

EPLAN Data Portal 282-681	URL	Descărcare
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WSCAD Universe 282-681	URL	Descărcare
------------------------	-----	------------

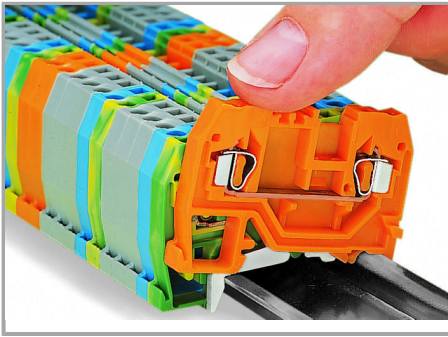
Installation Notes

Assembly

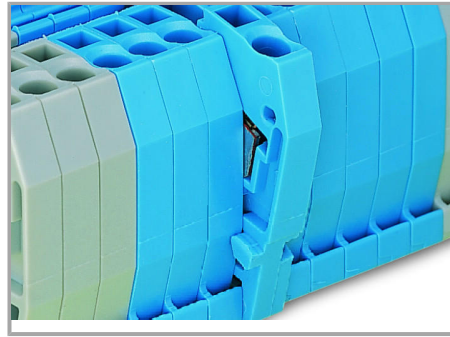
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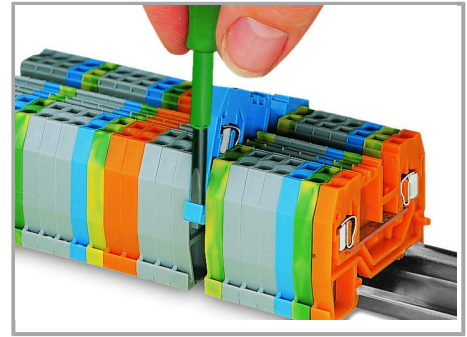
Aveți întrebări despre produsele noastre?
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Snapping a terminal block onto the carrier rail.

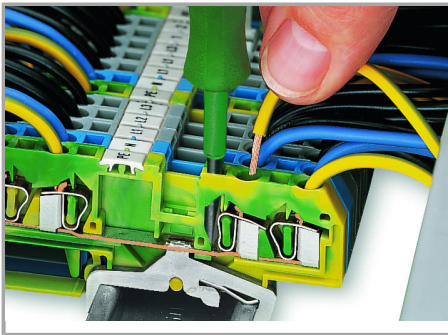


Quick assembly keys prevent reverse mounting.



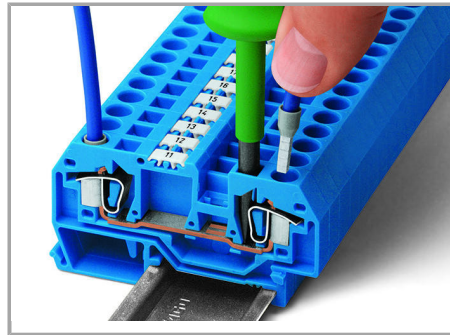
Removing a terminal block from the assembly.

Inserting a conductor



CAGE CLAMP® connection

Inserting a conductor.



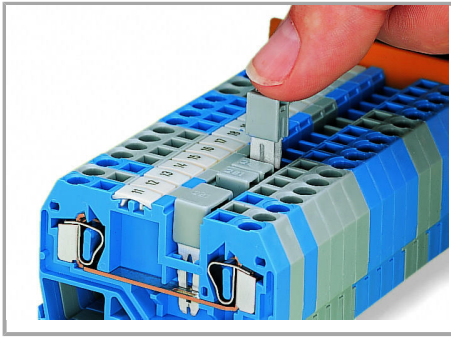
CAGE CLAMP® connection

Inserting a conductor.

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

Commoning

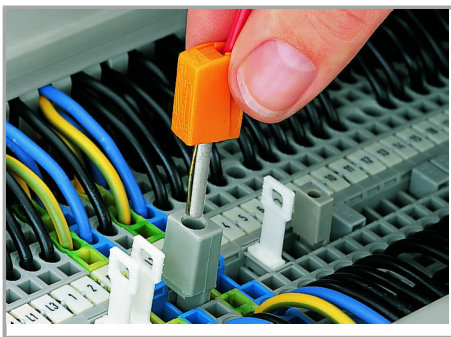
Supus modificărilor.



Commoning using an adjacent jumper (280-402).

Push jumper down until fully inserted.

Testing

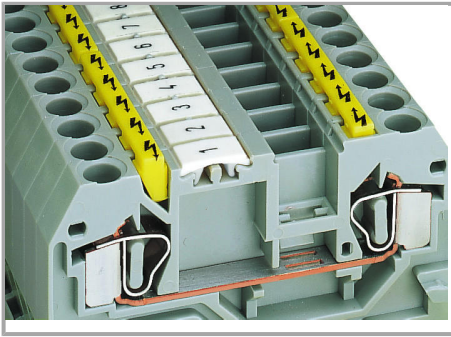


Testing with a test plug

(picture shows 209-170 Test Plug Adapter).

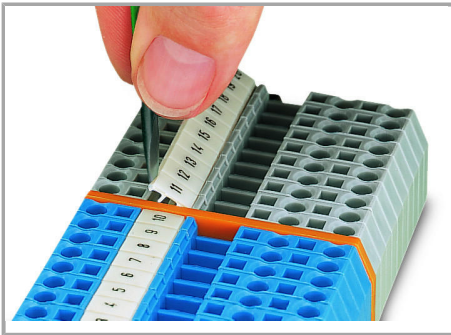
Cover

Supus modificărilor.



Protective warning markers inserted into the operating slots.

Marking



Marking via WMB Multi Marking System.

Supus modificărilor.