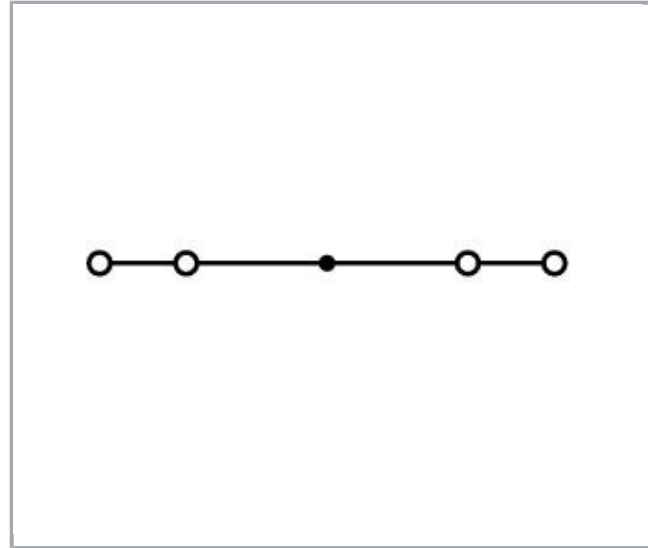
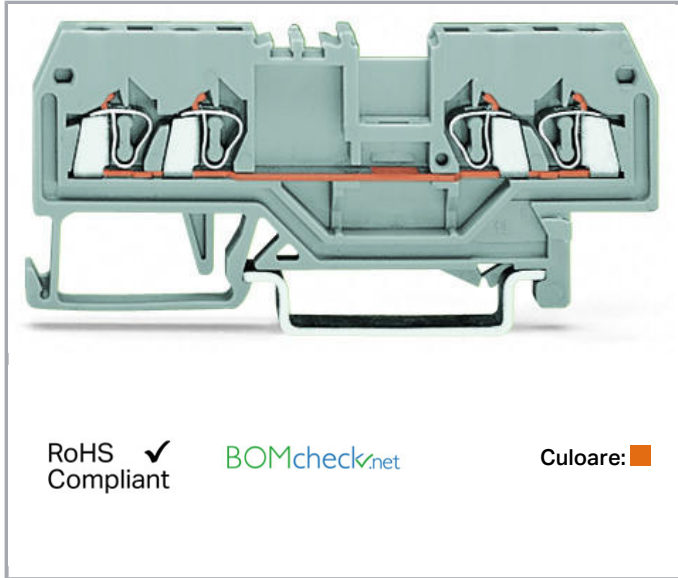


Fișă tehnică | Număr articol: 279-832

4-conductor through terminal block; 1.5 mm²; center marking; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 1,50 mm²; orange

www.wago.com/279-832



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Culoare: ■

Date

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60947-7-1
Nominal voltage (III/3)	800 V
Rated surge voltage (III/3)	8 kV
Rated current	18 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	0,08 ... 1,5 mm ² / 28 ... 16 AWG
Fine-stranded conductor	0,08 ... 1,5 mm ² / 28 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Total number of connection points	4

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
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building 1, 2nd floor | 077190 Voluntari, Ilfov
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.

Total number of potentials	1
Number of levels	1
Wiring type	Front-entry wiring

Geometrical Data

Width	4 mm / 0.157 inch
Height from upper-edge of DIN-rail	27 mm / 1.063 inch
Depth	73 mm / 2.874 inch

Mechanical data

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

Material Data



Color	orange
Insulation material	Polyamide 66 (PA 66)
Fire load	0,116 MJ
Weight	6,3 g

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4044918520485
Customs tariff number	85369010000

Aprobări / certificate

Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7081
	CSA DEKRA Certification B.V.	C22.2 No. 158	70133738

Supus modificărilor.

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KEMA/KEUR
DEKRA Certification B.V.


EN 60947

2160584.04

Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	-	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

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Counterpart
















Produse compatibile

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG
/Representative Office Romania
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Aveți întrebări despre produsele noastre?
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

Jumper



	Nr. articol: 210-103 Wire commoning chain; insulated; 50 connections; black	www.wago.com/210-103
	Nr. articol: 249-123 Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm ²	www.wago.com/249-123
	Nr. articol: 249-125 Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm ²	www.wago.com/249-125
	Nr. articol: 249-126 Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm ²	www.wago.com/249-126
	Nr. articol: 249-127 Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm ²	www.wago.com/249-127
	Nr. articol: 279-402 Adjacent jumper; insulated; Nominal current 15 A; gray	www.wago.com/279-402
	Nr. articol: 279-409 Alternate jumper; insulated; Nominal current 15 A; gray	www.wago.com/279-409
	Nr. articol: 279-422 Adjacent jumper; insulated; Nominal current 15 A; yellow-green	www.wago.com/279-422
	Nr. articol: 279-482 Comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray	www.wago.com/279-482
	Nr. articol: 279-483 Comb-style jumper bar; insulated; 3-way; IN = IN terminal block; gray	www.wago.com/279-483
	Nr. articol: 279-490 Comb-style jumper bar; insulated; 10-way; IN = IN terminal block; gray	www.wago.com/279-490
	Nr. articol: 279-492 Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray	www.wago.com/279-492
	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
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

Supus modificărilor.




	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




Insulation stop

	Nr. articol: 279-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip; white	www.wago.com/279-470
	Nr. articol: 279-471 Insulation stop; 0.25 mm ² ; 5 pieces/strip; dark gray	www.wago.com/279-471
















Protective Warning Marker

	Nr. articol: 279-415 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	www.wago.com/279-415
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Marking accessories

	Nr. articol: 2009-114 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white	www.wago.com/2009-114
	Nr. articol: 2009-114/000-002 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow	www.wago.com/2009-114/000-002
	Nr. articol: 2009-114/000-005 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red	www.wago.com/2009-114/000-005

Supus modificărilor.

	Nr. articol: 2009-114/000-006 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue	www.wago.com/2009-114/000-006
	Nr. articol: 2009-114/000-007 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray	www.wago.com/2009-114/000-007
	Nr. articol: 2009-114/000-012 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange	www.wago.com/2009-114/000-012
	Nr. articol: 2009-114/000-023 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green	www.wago.com/2009-114/000-023
	Nr. articol: 2009-114/000-024 WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet	www.wago.com/2009-114/000-024
	Nr. articol: 209-128 Adaptor; gray	www.wago.com/209-128
	Nr. articol: 209-140 Group marker carrier; gray	www.wago.com/209-140
	Nr. articol: 209-141 Group marker carrier; gray	www.wago.com/209-141
	Nr. articol: 209-142 Group marker carrier; gray	www.wago.com/209-142
	Nr. articol: 209-185 Adaptor; gray	www.wago.com/209-185
	Nr. articol: 249-105 Group marker carrier; gray	www.wago.com/249-105
	Nr. articol: 793-4501 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white	www.wago.com/793-4501
	Nr. articol: 793-4501/000-002 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow	www.wago.com/793-4501/000-002
	Nr. articol: 793-4501/000-005 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red	www.wago.com/793-4501/000-005
	Nr. articol: 793-4501/000-006 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue	www.wago.com/793-4501/000-006

Supus modificărilor.



Nr. articol: 793-4501/000-007
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray

www.wago.com/793-4501/000-007



Nr. articol: 793-4501/000-012
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange

www.wago.com/793-4501/000-012



Nr. articol: 793-4501/000-014
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; brown

www.wago.com/793-4501/000-014



Nr. articol: 793-4501/000-017
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green

www.wago.com/793-4501/000-017



Nr. articol: 793-4501/000-023
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green

www.wago.com/793-4501/000-023



Nr. articol: 793-4501/000-024
WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet

www.wago.com/793-4501/000-024

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; gray

www.wago.com/209-170



Nr. articol: 280-404
Test plug adapter; 5 mm wide; for test plug 210-137 (2.3 mm Ø); suitable for 1.5 mm² - 4 mm² tbs; gray

www.wago.com/280-404

End plate



Nr. articol: 279-344
End and intermediate plate; 2 mm thick; gray

www.wago.com/279-344



Nr. articol: 279-345
Separator plate; 2 mm thick; oversized; gray

www.wago.com/279-345



Nr. articol: 279-346
End and intermediate plate; 2 mm thick; orange

www.wago.com/279-346



Nr. articol: 279-347
Separator plate; 2 mm thick; oversized; orange

www.wago.com/279-347



Nr. articol: 284-334
Step-down cover plate; 1 mm thick; for 2-, 3- and 4-conductor terminal blocks; gray

www.wago.com/284-334



Nr. articol: 284-336
Step-down cover plate; 1 mm thick; for 4-conductor 279-831, 280-833 and 281-652 terminal blocks; gray

www.wago.com/284-336



Nr. articol: 284-344
Step-down cover plate; 1 mm thick; for 2-, 3- and 4-conductor terminal blocks; orange

www.wago.com/284-344

Supus modificărilor.

**Nr. articol:** 284-346

Step-down cover plate; 1 mm thick; for 4-conductor 279-831, 280-833 and 281-652 terminal blocks; orange

www.wago.com/284-346**ferrule****Nr. articol:** 216-101Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin platedwww.wago.com/216-101**Nr. articol:** 216-102Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin platedwww.wago.com/216-102**Nr. articol:** 216-103Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin platedwww.wago.com/216-103**Nr. articol:** 216-201Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; whitewww.wago.com/216-201**Nr. articol:** 216-202Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; graywww.wago.com/216-202**Nr. articol:** 216-203Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; redwww.wago.com/216-203**Nr. articol:** 216-301Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellowwww.wago.com/216-301**Nr. articol:** 216-302Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; greenwww.wago.com/216-302**tools****Nr. articol:** 210-647

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-647**Nr. articol:** 210-648

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short

www.wago.com/210-648**Nr. articol:** 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719**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**Descărcări****Documentation****Additional Information**

Technical explanations

Apr 3, 2019

pdf
2,1 MB

Descărcare

Supus modificărilor.

CAD/CAE-Data

CAD data

2D/3D Models 279-832

[URL](#)

[Descărcare](#)

CAE data

EPLAN Data Portal 279-832

[URL](#)

[Descărcare](#)

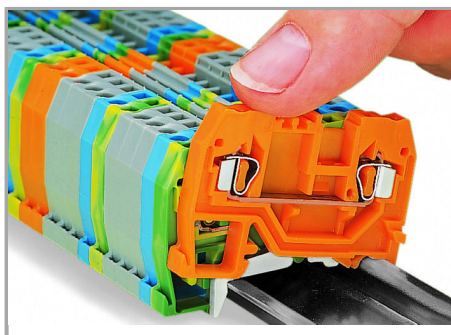
WSCAD Universe 279-832

[URL](#)

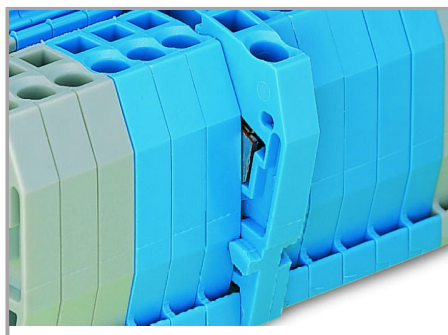
[Descărcare](#)

Installation Notes

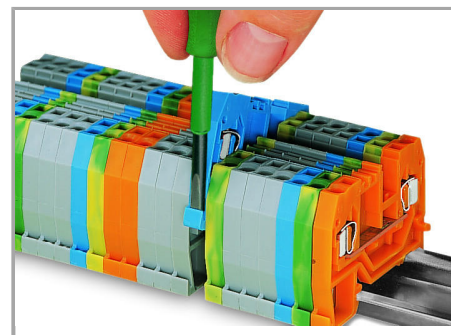
Assembly



Snapping a terminal block onto the carrier rail.



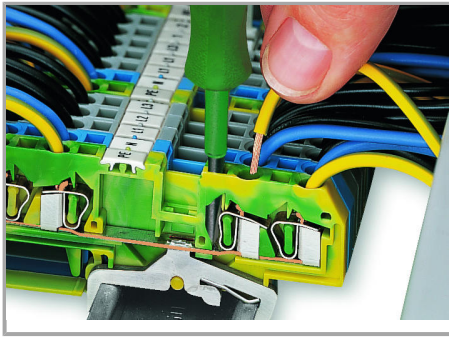
Quick assembly keys prevent reverse mounting.



Removing a terminal block from the assembly.

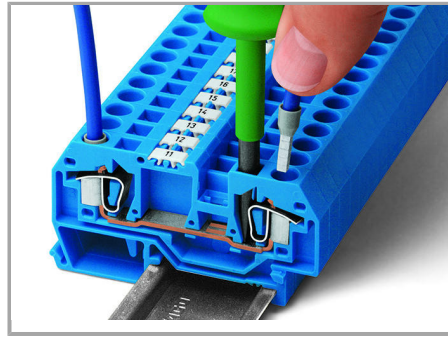
Inserting a conductor

Supus modificărilor.



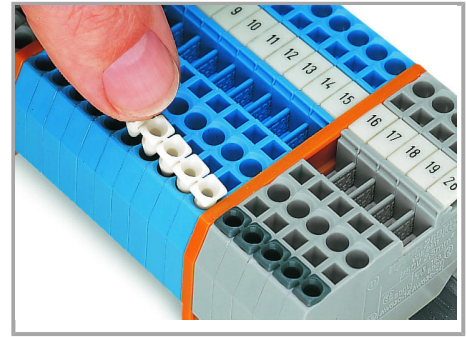
CAGE CLAMP® connection

Inserting a conductor.



CAGE CLAMP® connection

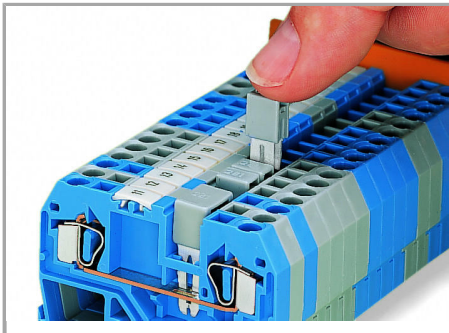
Inserting a conductor.



Inserting insulation stops.

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

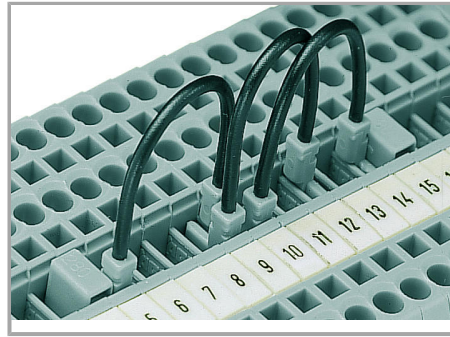
Commoning



Commoning using an adjacent jumper (280-402).

Push jumper down until fully inserted.

Supus modificărilor.



Supus modificărilor.

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Wire jumpers

When installing machines or control systems, it is often necessary to make an additional connection between two terminal blocks that are not next to each other on the rail. In such cases, WAGO's touch-proof, push-in type wire jumpers are the ideal solution.

These jumpers are compatible with the following rail-mount terminal blocks:

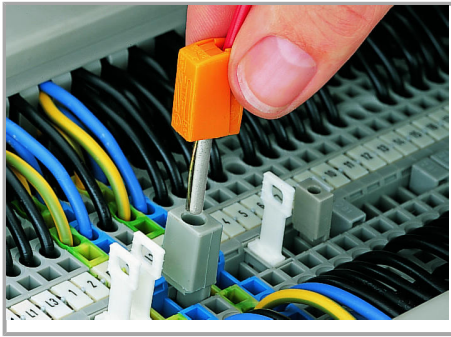
- 279 Series (1.5 mm²/16 AWG),
-
- 280/775/780 Series (2.5 mm²/14 AWG)
-
- 281/769/776/777/781 and 880 Series (4 mm²/12 AWG)
-

They are available in three conductor lengths (60, 110 and 250 mm), allowing up to 60 terminal blocks to be commoned depending on their width (see table on the right).

Compared with the 279 Series, the 280/775/780 and 281/776/777/781 Series can also accommodate two wire jumpers, allowing the use of commoning chains. Furthermore, the 280/769/775/780/880 and 281/776/777/781 Series allow both wire jumper and adjacent jumper to be simultaneously plugged into a same terminal block.

Testing

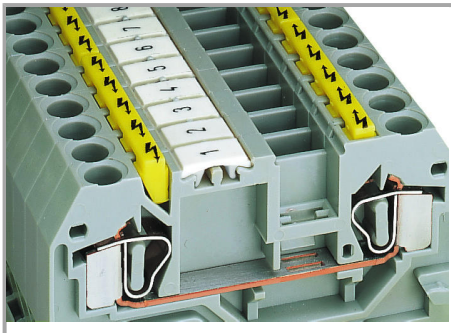
Supus modificărilor.



Testing with a test plug

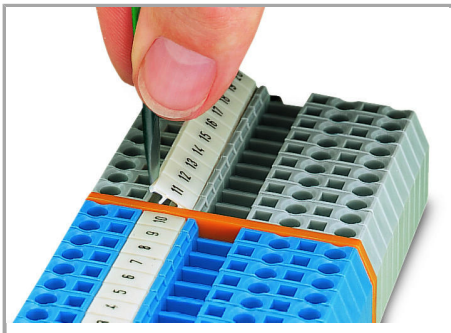
(picture shows 209-170 Test Plug Adapter).

Cover



Protective warning markers inserted into the operating slots.

Marking



Marking via WMB Multi Marking System.

Supus modificărilor.