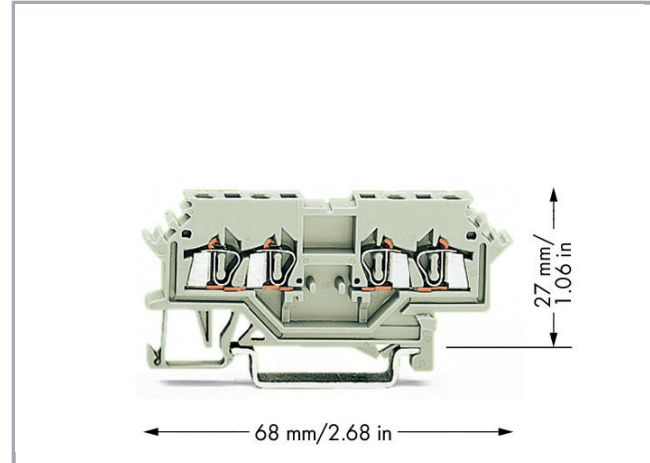
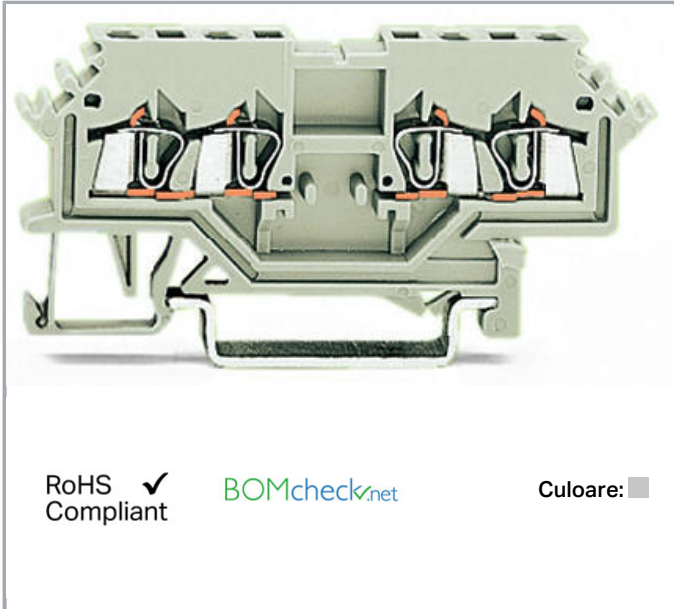


## Fișă tehnică | Număr articol: 279-989

Double potential terminal block; 1.5 mm<sup>2</sup>; suitable for Ex e II applications; lateral marker slots; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 1,50 mm<sup>2</sup>; light gray

[www.wago.com/279-989](http://www.wago.com/279-989)



RoHS  Compliant

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

Culoare:

### Descriere articol

#### Safety information 1:

Notice: This double potential terminal block cannot be commoned via adjacent jumpers!

### Date

#### Electrical data

#### Ratings per IEC/EN 60664-1

Ratings per

IEC/EN 60947-7-1

#### Approvals Ex

Rated voltage EN (Ex e II)

550 V

Rated current (Ex e II)

15 A

#### Connection data

Connection technology

CAGE CLAMP®

Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: [info-RO@wago.com](mailto:info-RO@wago.com)

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



Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG
Fine-stranded conductor	0.08 ... 1.5 mm <sup>2</sup> / 28 ... 16 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Total number of connection points	4
Total number of potentials	2
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	68 mm / 2.677 inch

### Mechanical data

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

### Material Data

Color	light gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,103 MJ
Weight	5,6 g

### Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	DE
GTIN	4044918506540
Customs tariff number	85369010000

### Aprobări / certificate

#### Ex-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
---------	----------	------------------------------	-----------------

Supus modificărilor.

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**AEx**  
UL International Germany GmbH c/o Physikalisch  
Technische Bundesanstalt




UL 60079

E185892  
Sec.15


## Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	<b>CCA</b> DEKRA Certification B.V.	EN 60947	NTR NL-7081
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 60947	2160584.04

## Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	<b>ABS</b> American Bureau of Shipping	-	14-HG1293677-PDA
	<b>DNV GL</b> Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	<b>LR</b> Lloyds Register	EN 60947	91/20112 (E9)

## UL-Approvals

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

## Counterpart



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.

## Produse compatibile

### Insulation stop

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

















### Carrier rail

	<b>Nr. articol: 210-112</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 25 mm	<a href="http://www.wago.com/210-112">www.wago.com/210-112</a>
	<b>Nr. articol: 210-113</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715	<a href="http://www.wago.com/210-113">www.wago.com/210-113</a>
	<b>Nr. articol: 210-114</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715	<a href="http://www.wago.com/210-114">www.wago.com/210-114</a>
	<b>Nr. articol: 210-115</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; according to EN 60715; "Hole width 18 mm	<a href="http://www.wago.com/210-115">www.wago.com/210-115</a>
	<b>Nr. articol: 210-118</b> Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	<a href="http://www.wago.com/210-118">www.wago.com/210-118</a>
	<b>Nr. articol: 210-196</b> Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslotted; similar to EN 60715; silver-colored	<a href="http://www.wago.com/210-196">www.wago.com/210-196</a>
	<b>Nr. articol: 210-197</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715	<a href="http://www.wago.com/210-197">www.wago.com/210-197</a>
	<b>Nr. articol: 210-198</b> Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715; copper-colored	<a href="http://www.wago.com/210-198">www.wago.com/210-198</a>
	<b>Nr. articol: 210-504</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715	<a href="http://www.wago.com/210-504">www.wago.com/210-504</a>
	<b>Nr. articol: 210-505</b> Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715	<a href="http://www.wago.com/210-505">www.wago.com/210-505</a>

Supus modificărilor.

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	<b>Nr. articol: 210-506</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715	<a href="http://www.wago.com/210-506">www.wago.com/210-506</a>
	<b>Nr. articol: 210-508</b> Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715	<a href="http://www.wago.com/210-508">www.wago.com/210-508</a>
<b>End plate</b>		
	<b>Nr. articol: 209-191</b> Separator for Ex e/Ex i applications; 3 mm thick; 120 mm wide; orange	<a href="http://www.wago.com/209-191">www.wago.com/209-191</a>
	<b>Nr. articol: 279-318</b> End and intermediate plate; 2 mm thick; light gray	<a href="http://www.wago.com/279-318">www.wago.com/279-318</a>
	<b>Nr. articol: 279-338</b> Separator plate; 2 mm thick; oversized; light gray	<a href="http://www.wago.com/279-338">www.wago.com/279-338</a>
<b>Protective Warning Marker</b>		
	<b>Nr. articol: 279-415</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	<a href="http://www.wago.com/279-415">www.wago.com/279-415</a>
<b>tools</b>		
	<b>Nr. articol: 210-647</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-647">www.wago.com/210-647</a>
	<b>Nr. articol: 210-648</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short	<a href="http://www.wago.com/210-648">www.wago.com/210-648</a>
	<b>Nr. articol: 210-719</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-719">www.wago.com/210-719</a>
<b>Jumper</b>		
	<b>Nr. articol: 210-103</b> Wire commoning chain; insulated; 50 connections; black	<a href="http://www.wago.com/210-103">www.wago.com/210-103</a>
	<b>Nr. articol: 249-123</b> Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm <sup>2</sup>	<a href="http://www.wago.com/249-123">www.wago.com/249-123</a>
	<b>Nr. articol: 249-125</b> Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm <sup>2</sup>	<a href="http://www.wago.com/249-125">www.wago.com/249-125</a>
	<b>Nr. articol: 249-126</b> Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm <sup>2</sup>	<a href="http://www.wago.com/249-126">www.wago.com/249-126</a>
	<b>Nr. articol: 249-127</b> Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm <sup>2</sup>	<a href="http://www.wago.com/249-127">www.wago.com/249-127</a>
	<b>Nr. articol: 279-482</b> Comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray	<a href="http://www.wago.com/279-482">www.wago.com/279-482</a>
	<b>Nr. articol: 279-483</b> Comb-style jumper bar; insulated; 3-way; IN = IN terminal block; gray	<a href="http://www.wago.com/279-483">www.wago.com/279-483</a>

Supus modificărilor.



**Nr. articol: 279-490**  
Comb-style jumper bar; insulated; 10-way; IN = IN terminal block; gray

[www.wago.com/279-490](http://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](http://www.wago.com/279-492)

#### ferrule



**Nr. articol: 216-101**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / AWG 22; uninsulated; electro-tin plated

[www.wago.com/216-101](http://www.wago.com/216-101)



**Nr. articol: 216-102**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; uninsulated; electro-tin plated

[www.wago.com/216-102](http://www.wago.com/216-102)



**Nr. articol: 216-103**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; uninsulated; electro-tin plated

[www.wago.com/216-103](http://www.wago.com/216-103)



**Nr. articol: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 20 AWG; insulated; electro-tin plated; white

[www.wago.com/216-201](http://www.wago.com/216-201)



**Nr. articol: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray

[www.wago.com/216-202](http://www.wago.com/216-202)



**Nr. articol: 216-203**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red

[www.wago.com/216-203](http://www.wago.com/216-203)

**Nr. articol: 216-301**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow

[www.wago.com/216-301](http://www.wago.com/216-301)



**Nr. articol: 216-302**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; green

[www.wago.com/216-302](http://www.wago.com/216-302)

#### 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](http://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](http://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](http://www.wago.com/2009-114/000-005)



**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](http://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](http://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](http://www.wago.com/2009-114/000-012)

Supus modificărilor.

	<b>Nr. articol: 2009-114/000-023</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/2009-114/000-023">www.wago.com/2009-114/000-023</a>
	<b>Nr. articol: 2009-114/000-024</b> WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/2009-114/000-024">www.wago.com/2009-114/000-024</a>
	<b>Nr. articol: 209-128</b> Adaptor; gray	<a href="http://www.wago.com/209-128">www.wago.com/209-128</a>
	<b>Nr. articol: 209-185</b> Adaptor; gray	<a href="http://www.wago.com/209-185">www.wago.com/209-185</a>
	<b>Nr. articol: 249-105</b> Group marker carrier; gray	<a href="http://www.wago.com/249-105">www.wago.com/249-105</a>
	<b>Nr. articol: 793-4501</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white	<a href="http://www.wago.com/793-4501">www.wago.com/793-4501</a>
	<b>Nr. articol: 793-4501/000-002</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow	<a href="http://www.wago.com/793-4501/000-002">www.wago.com/793-4501/000-002</a>
	<b>Nr. articol: 793-4501/000-005</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red	<a href="http://www.wago.com/793-4501/000-005">www.wago.com/793-4501/000-005</a>
	<b>Nr. articol: 793-4501/000-006</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue	<a href="http://www.wago.com/793-4501/000-006">www.wago.com/793-4501/000-006</a>
	<b>Nr. articol: 793-4501/000-007</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray	<a href="http://www.wago.com/793-4501/000-007">www.wago.com/793-4501/000-007</a>
	<b>Nr. articol: 793-4501/000-012</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange	<a href="http://www.wago.com/793-4501/000-012">www.wago.com/793-4501/000-012</a>
	<b>Nr. articol: 793-4501/000-017</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green	<a href="http://www.wago.com/793-4501/000-017">www.wago.com/793-4501/000-017</a>
	<b>Nr. articol: 793-4501/000-023</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green	<a href="http://www.wago.com/793-4501/000-023">www.wago.com/793-4501/000-023</a>
	<b>Nr. articol: 793-4501/000-024</b> WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet	<a href="http://www.wago.com/793-4501/000-024">www.wago.com/793-4501/000-024</a>

#### assembling

Supus modificărilor.

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Nr. articol: 209-106

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

[www.wago.com/209-106](http://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](http://www.wago.com/709-153)

## Descărcări

### Documentation

#### Additional Information

Technical explanations

Apr 3, 2019

pdf  
2,1 MB

Descărcare

### CAD/CAE-Data

#### CAD data

2D/3D Models 279-989

URL

Descărcare

#### CAE data

EPLAN Data Portal 279-989

URL

Descărcare

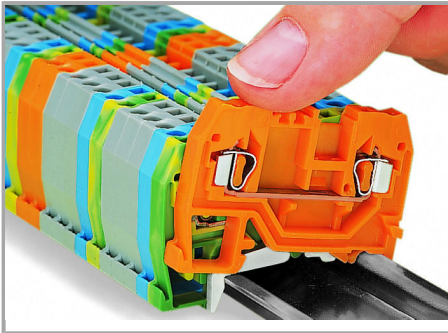
WSCAD Universe 279-989

URL

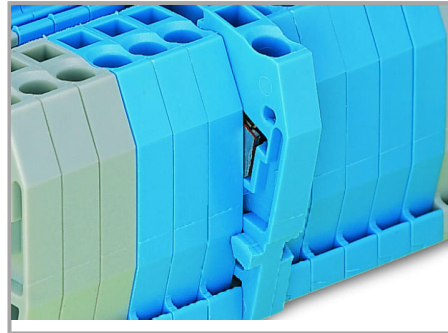
Descărcare

### Installation Notes

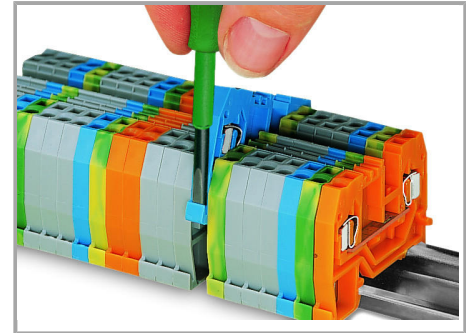
#### Assembly



Snapping a terminal block onto the carrier rail.



Quick assembly keys prevent reverse mounting.



Removing a terminal block from the assembly.

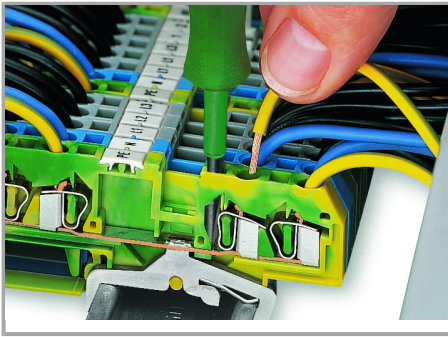
#### Inserting a conductor

Supus modificărilor.

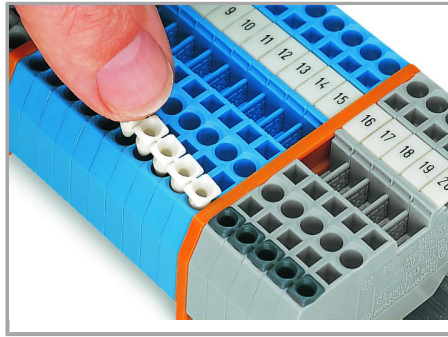
WAGO Kontakttechnik GmbH & Co. KG  
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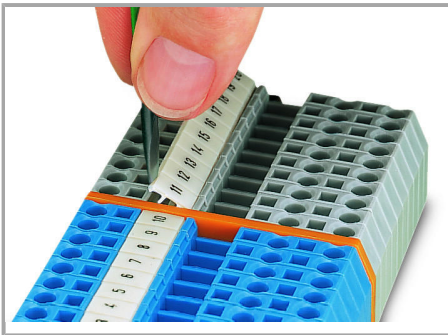
CAGE CLAMP® connection



Inserting insulation stops.

Inserting a conductor.

### Marking



Marking via WMB Multi Marking System.

Supus modificărilor.