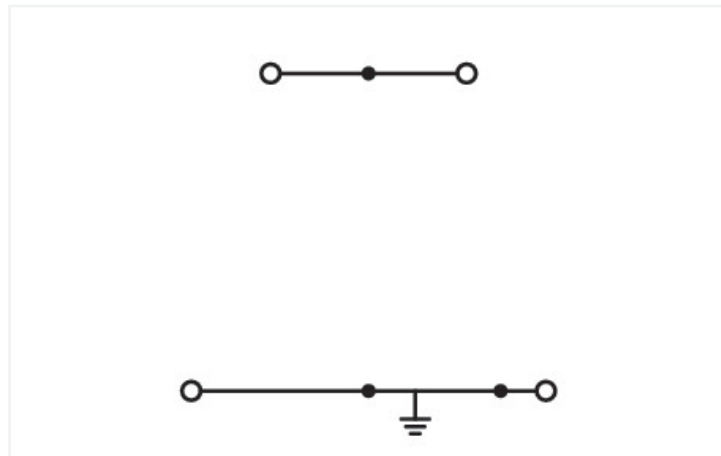
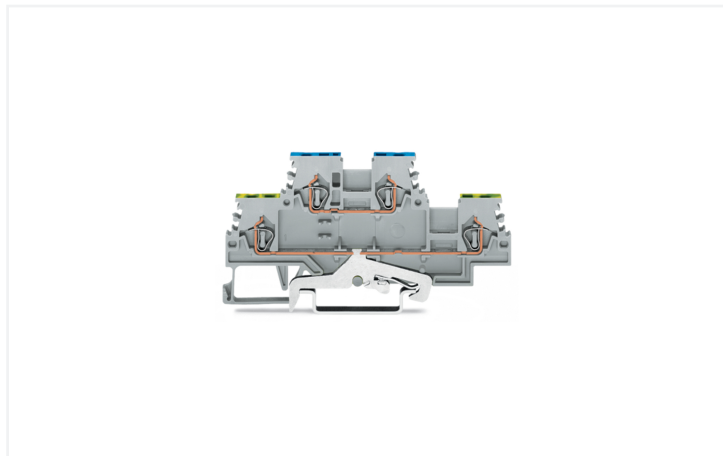


## Data Sheet | Item Number: 279-527

Double-deck terminal block; Ground conductor/through terminal block; 1.5 mm<sup>2</sup>; PE/L; without marker carrier; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 1,50 mm<sup>2</sup>; gray



<https://www.wago.com/279-527>



Color: ■ gray

Similar to illustration

Similar to illustration

Double-deck terminal block, 279 Series, operating tool

Enjoy fault-free electrical installations with this double-deck terminal block (item number 279-527). Ensure that the strip lengths are between 8 and 9 mm when connecting conductors to this double-deck terminal block. The double-deck terminal block also functions as a through terminal block as well as a ground terminal block. This product incorporates 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 ferules. This double-deck terminal block is suitable for conductor cross sections ranging from 0.08 mm<sup>2</sup> to 1.5 mm<sup>2</sup>.

### Electrical data

Ratings per	IEC/EN 60947-7-1		
Overtoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	500 V	-	-
Rated impulse withstand voltage	6 kV	-	-
Rated current	18 A	-	-

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	-	600 V	-
Rated current	-	10 A	-

Approvals per	CSA 22.2 No 158		
Use group	B	C	D
Rated voltage	-	600 V	-
Rated current	-	10 A	-

Power Loss	
Power loss, per pole (potential)	0.5929 W
Rated current $I_N$ for power loss specification	18 A
Resistance value for specified, current-dependent power loss	0.00183 Ω

### General information

Wiring direction	Front-entry wiring
------------------	--------------------

### Connection data

Clamping units	4	<b>Connection 1</b>	
Total number of potentials	2	Connection technology	CAGE CLAMP®
Number of levels	2	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 inches
		Wiring direction	Front-entry wiring

### Physical data

Width	4 mm / 0.157 inches
Height	85 mm / 3.346 inches
Depth from upper-edge of DIN-rail	39 mm / 1.535 inches

### Mechanical data

Potential marking	PE/L
Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Side marking

### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.137 MJ
Weight	11.3 g

### Environmental requirements

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

### Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821109396
Customs tariff number	85369010000

### Product Classification

UNSPSC	39121410
eCl@ss 10.0	27-14-11-41
eCl@ss 9.0	27-14-11-41
ETIM 9.0	EC000901
ETIM 10.0	EC000901
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant, No Exemption
SCIP notification number (Austria)	6088c7a9-57c5-4c74-bb86-98f3086948d3
SCIP notification number (Belgium)	d7a5b85a-1bed-4587-99a7-ffe35bdd560f
SCIP notification number (Bulgaria)	9cba1d72-0f0d-40fd-8300-06c83f3d9743
SCIP notification number (Czech Republic)	39ec2f6f-eb39-4775-87b3-ed9117dd75b1
SCIP notification number (Denmark)	dc5899dd-f4ca-455b-a53a-eb38a411988e
SCIP notification number (Finland)	e406c9d6-76f6-4bd6-9913-2150d83002da
SCIP notification number (France)	f8d61e58-5a75-4eea-9b80-45de38f5a163
SCIP notification number (Germany)	54c521f6-4c2d-41eb-aeb4-441b517058d2
SCIP notification number (Hungary)	f2fde800-afb4-4f66-b32a-2e1d8dd03ef0
SCIP notification number (Italy)	854c00ff-c1a4-4454-8e15-e29321cf093b
SCIP notification number (Netherlands)	ab440e78-b41a-456d-905f-aa1d25ac9340
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SCIP notification number (Romania)	f1210c28-bd32-4034-bda4-803cf85f9b94
SCIP notification number (Sweden)	b3b01eaa-f83e-460f-821b-2b32b7b40d25

### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	70133738
KEMA/KEUR DEKRA Certification B.V.	EN 60947	2160584.04
UL Underwriters Laboratories Inc.	UL 1059	E45172

#### Declarations of conformity and manufacturer's declarations

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

#### Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Shipping	-	24-0152298-PDA
DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
PRS Polski Rejestr Statków	-	TE/1094/880590/23

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 279-527



Documentation

Bid Text

279-527	19.02.2019	xml 3.23 KB	
279-527	28.02.2017	doc 24.50 KB	

CAD/CAE-Data

CAD data

2D/3D Models 279-527



CAE data

EPLAN Data Portal 279-527



WSCAD Universe 279-527



ZUKEN Portal 279-527



1 Compatible Products

1.1 Required Accessories

1.1.1 End plate

1.1.1.1 End plate



[Item No.: 279-518](#)

End and intermediate plate; 2 mm thick; gray

[Item No.: 279-519](#)

End and intermediate plate; 2 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.: 210-508](#)

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715; silver-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.: 210-506](#)

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; 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

1.2.1.1 Mounting accessories



**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 Ferrule

1.2.2.1 Ferrule



**Item No.: 216-301**  
Ferrule; Sleeve for 0.25 mm<sup>2</sup> / AWG 24; insulated; electro-tin plated; yellow



**Item No.: 216-302**  
Ferrule; Sleeve for 0.34 mm<sup>2</sup> / 22 AWG; insulated; electro-tin plated; light turquoise



**Item No.: 216-201**  
Ferrule; Sleeve for 0.5 mm<sup>2</sup> / 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 mm<sup>2</sup> / AWG 22; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-202**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / 18 AWG; insulated; electro-tin plated; gray



**Item No.: 216-102**  
Ferrule; Sleeve for 0.75 mm<sup>2</sup> / AWG 20; un-insulated; electro-tin plated; silver-colored



**Item No.: 216-203**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; insulated; electro-tin plated; red



**Item No.: 216-103**  
Ferrule; Sleeve for 1 mm<sup>2</sup> / AWG 18; un-insulated; electro-tin plated

1.2.3 Installation

1.2.3.1 Cover



**Item No.: 709-154**  
Cover; Type 2; suitable for cover carrier, type 2; 1 m long; transparent

1.2.3.2 Cover carrier



**Item No.: 709-168**  
Cover carrier; Type 2; incl. fixing/retaining screws and knurled nut; suitable for 283 to 285 Series rail-mounted terminal blocks; suitable for 279 to 281 Series double- and triple-deck terminal blocks; suitable for 780 to 785, 775, 776 and 777 Series TOP-JOB<sup>®</sup> rail-mounted terminal blocks; suitable for 280 Series sensor and actuator terminal blocks; suitable for 282 Series disconnect/test terminal blocks for transformer circuits; gray

1.2.3.3 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 DIN-rail 35 x 15 and 35 x 7.5; gray

1.2.4 Insulation stop

1.2.4.1 Insulation stop



[Item No.: 279-470](#)

Insulation stop; 0.08 - 0.2 mm<sup>2</sup> "s" (0.14 mm<sup>2</sup> "f-st"); 5 pieces/strip; white

[Item No.: 279-471](#)

Insulation stop; 0.25 mm<sup>2</sup>; 5 pieces/strip; dark gray

1.2.5 Jumper

1.2.5.1 Jumper



[Item No.: 279-490](#)

Jumper; 10-way; insulated; gray

[Item No.: 279-482](#)

Jumper; 2-way; insulated; gray

[Item No.: 279-492](#)

Jumper; 2-way; insulated; gray

[Item No.: 279-483](#)

Jumper; 3-way; insulated; gray



[Item No.: 279-402](#)

Jumper; insulated; gray

[Item No.: 279-409](#)

Jumper; insulated; gray

[Item No.: 279-422](#)

Jumper; insulated; yellow-green

1.2.6 Marking

1.2.6.1 Double marker carrier



[Item No.: 209-128](#)

Adaptor; gray

1.2.6.2 Group marker carrier



[Item No.: 209-140](#)

Group marker carrier; gray

[Item No.: 209-141](#)

Group marker carrier; gray

[Item No.: 209-142](#)

Group marker carrier; gray

[Item No.: 249-105](#)

Group marker carrier; gray

1.2.6.3 Marker



[Item No.: 793-4501/000-006](#)

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; blue

[Item No.: 793-4501/000-007](#)

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; gray

[Item No.: 793-4501/000-023](#)

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; green

[Item No.: 793-4501/000-017](#)

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; light green



[Item No.: 793-4501/000-012](#)

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; orange

[Item No.: 793-4501/000-005](#)

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; red

[Item No.: 793-4501/000-024](#)

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; violet

[Item No.: 793-4501](#)

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white



[Item No.: 793-4501/000-002](#)

WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; yellow

[Item No.: 2009-114/000-006](#)

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; blue

[Item No.: 2009-114/000-007](#)

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; gray

[Item No.: 2009-114/000-023](#)

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; green



[Item No.: 2009-114/000-012](#)

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; orange

[Item No.: 2009-114/000-005](#)

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; red

[Item No.: 2009-114/000-024](#)

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; violet

[Item No.: 2009-114](#)

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; white

### 1.2.6.3 Marker



**Item No.:** [2009-114/000-002](#)

WMB-Inline; for Smart Printer; 2000 pieces on roll; stretchable 4 - 4.2 mm; plain; snap-on type; yellow

### 1.2.6.4 Marker carrier



**Item No.:** [279-529](#)

Adaptor; gray

## 1.2.7 Protective warning marker

### 1.2.7.1 Cover



**Item No.:** [279-415](#)

Protective warning marker; 5-pole; with high-voltage symbol, black; yellow

## 1.2.8 Push-in type wire jumper

### 1.2.8.1 Jumper



**Item No.:** [249-126](#)

Push-in type wire jumper; 0.75 mm<sup>2</sup>; insulated; 110 mm long; black



**Item No.:** [249-123](#)

Push-in type wire jumper; 0.75 mm<sup>2</sup>; insulated; 180 mm long; black



**Item No.:** [249-127](#)

Push-in type wire jumper; 0.75 mm<sup>2</sup>; insulated; 250 mm long; black



**Item No.:** [249-125](#)

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

## 1.2.9 Test and measurement

### 1.2.9.1 Testing accessories



**Item No.:** [280-404](#)

Test plug adapter; 5 mm wide; for test plug (2.3 mm Ø); suitable for 1.5 mm<sup>2</sup> - 4 mm<sup>2</sup> tbs; gray



**Item No.:** [209-170](#)

Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm<sup>2</sup> - 10 mm<sup>2</sup> tbs; gray

## 1.2.10 Tool

### 1.2.10.1 Operating tool



**Item No.:** [210-719](#)

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



**Item No.:** [210-648](#)

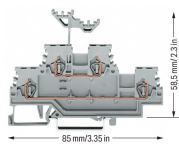
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short



**Item No.:** [210-647](#)

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

## Installation Notes



**Double-deck marker carrier**  
(height including marker carrier)