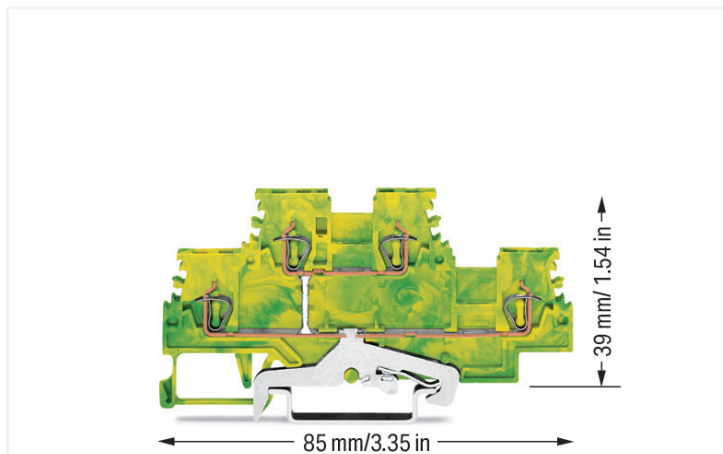


## Data Sheet | Item Number: 279-507

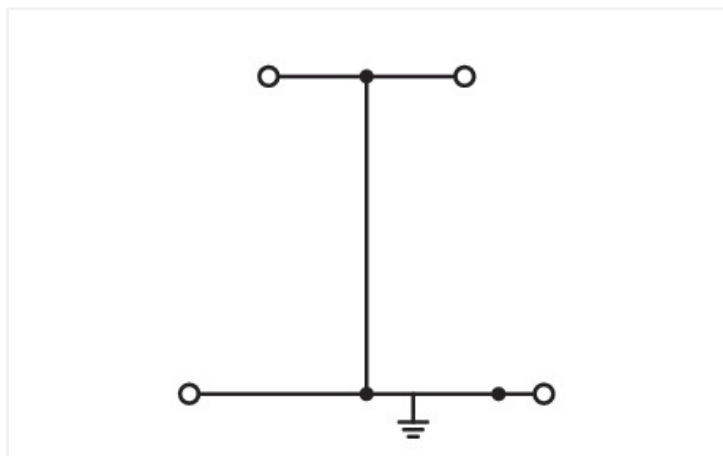
Double-deck terminal block; 4-conductor ground terminal block; 1.5 mm<sup>2</sup>; PE; without marker carrier; internal commoning; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®; 1,50 mm<sup>2</sup>; green-yellow



<https://www.wago.com/279-507>



Color: ■ green-yellow



Similar to illustration

Double-deck terminal block, 279 Series, green-yellow

This double-deck terminal block (item number 279-507) simplifies electrical installations. 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 ground terminal block. This product features conductor terminals and utilizes CAGE CLAMP®. Our CAGE CLAMP® connection provides a reliable and maintenance-free way to connect all types of conductors. You do not need to prepare the conductor in any way, such as crimping ferrules. The item's dimensions are (4 x 85 x 43.8) mm (width x height x depth). 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 60947-7-2		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	-	-	-
Rated impulse withstand voltage	-	-	-
Rated current	-	-	-

### General information

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

### Connection Data

Clamping units	4
Total number of potentials	1
Number of levels	2

### Connection 1

Connection technology	CAGE CLAMP®
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
Depth	43.8 mm / 1.724 inches

### Mechanical data

Potential marking	PE
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	green-yellow
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.138 MJ
Weight	11.6 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	CN
GTIN	4050821227267
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)	a25efc0d-a16d-46f3-a1f0-1cc03e3c4058
SCIP notification number (Belgium)	a82d8fcf-4f12-4527-b8f7-fe9b1198d331
SCIP notification number (Bulgaria)	669c6c34-455f-4218-bc9d-57329e7d4664
SCIP notification number (Czech Republic)	56bca290-2117-416b-bb6e-270de8bb6cbf
SCIP notification number (Denmark)	d2165be0-7b3a-435b-9a4c-71d4ceb1271c
SCIP notification number (Finland)	23526e9f-7db3-44a0-b0fd-fcde70e10185
SCIP notification number (France)	d6e11359-39e7-4939-9b67-60f4479b0e5c
SCIP notification number (Germany)	0cf73974-2ead-42f1-b08c-12d3a188b576
SCIP notification number (Hungary)	0c442a85-090c-4306-a921-5d1ee5593239
SCIP notification number (Italy)	a5c298e0-45f2-470e-850d-f105de448ca1
SCIP notification number (Netherlands)	0adfb67b-1da8-441e-86f1-0e6aa7bc85da
SCIP notification number (Poland)	8cad0107-ee11-4e90-b767-53533e316003
SCIP notification number (Romania)	5d657377-53d4-46b3-8047-625bf5661b1e
SCIP notification number (Sweden)	06748458-901b-4e8a-83a7-d007f56669b2f

### 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 279-507



**Documentation**

**Bid Text**

279-507	19.02.2019	xml 3.11 KB	
279-507	28.02.2017	doc 24.00 KB	

**CAD/CAE-Data**

**CAD data**

2D/3D Models 279-507



**CAE data**

EPLAN Data Portal 279-507



WSCAD Universe 279-507



ZUKEN Portal 279-507



**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](#)

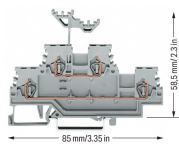
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short



**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)