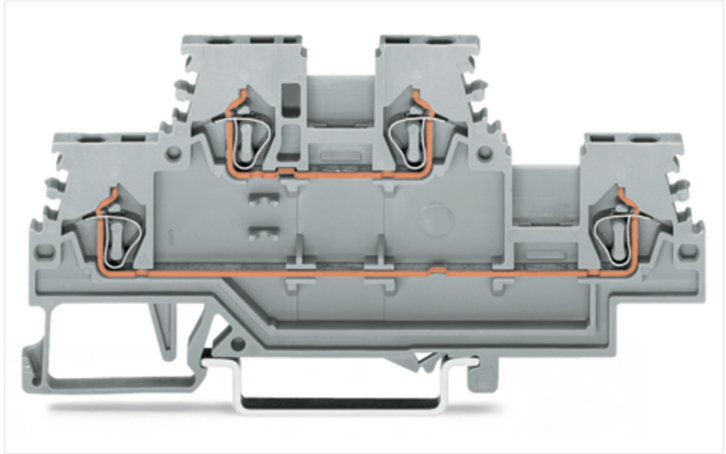
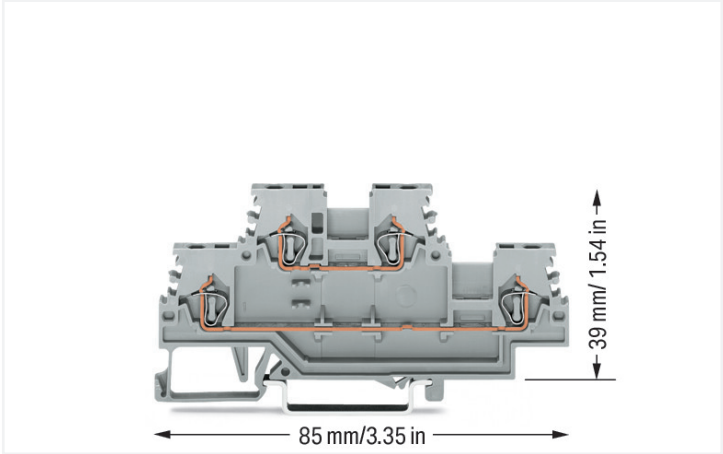


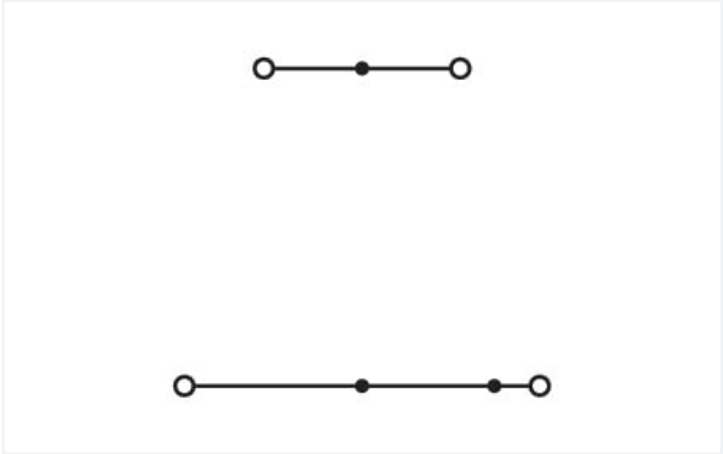
Data Sheet | Item Number: 279-501

Double-deck terminal block; Through/through terminal block; L/L; for DIN-rail 35 x 15 and 35 x 7.5; 1.5 mm²; 1,50 mm²; gray

<https://www.wago.com/279-501>



Color: ■ gray



Similar to illustration

Double-deck terminal block, 279 Series, gray

Enjoy effortless electrical installations with this double-deck terminal block (item number 279-501). The double-deck terminal block also serves as a through terminal block. Conductors should only be connected to this double-deck terminal block if their strip length is between 8 mm and 9 mm. Featuring conductor terminals along with CAGE CLAMP®, this product is highly versatile. 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 ferrules. This double-deck terminal block is suitable for conductor cross sections ranging from 0.08 mm² to 1.5 mm². It has two levels. You can connect two potentials using the four clamping points. The gray housing is made of polyamide (PA66) for insulation. These through rail-mount terminal blocks are mounted using DIN-35 rails..

Electrical data							
Ratings per		IEC/EN 60947-7-1			Approvals per		UL 1059
Overvoltage category		III	III	II	Use group	B	C D
Pollution degree		3	2	2	Rated voltage	-	600 V -
Nominal voltage		500 V	-	-	Rated current	-	10 A -
Rated surge voltage		6 kV	-	-			
Rated current		18 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 specified power loss	18 A
Resistance value for specified, current-dependent power loss	0.00183 Ω

Connection data			
Clamping units	4	Connection 1	
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 mm² / 28 ... 16 AWG
		Fine-stranded conductor	0.08 ... 1.5 mm² / 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	L/L
Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Side marking

Material data	
Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.144 MJ
Weight	7.5 g

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



Commercial data		
Product Group	1 (Rail Mounted Terminal Blocks)	
eCl@ss 10.0	27-14-11-20	
eCl@ss 9.0	27-14-11-20	
ETIM 9.0	EC000897	
ETIM 8.0	EC000897	
PU (SPU)	50 pcs	
Packaging type	Box	
Country of origin	CN	
GTIN	4050821109310	
Customs tariff number	85369010000	

Environmental Product Compliance		
RoHS Compliance Status	Compliant,No Exemption	

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7081	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CSA DEKRA Certification B.V.	C22.2 No. 158	70133738	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
KEMA/KEUR DEKRA Certification B.V.	EN 60947	2160584.04			
UL Underwriters Laboratories Inc.	UL 1059	E45172			

Approvals for marine applications

Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	20-HG1941090-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 279-501

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Documentation

Additional Information

Technical Section

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CAD data

2D/3D Models 279-501

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CAE data

EPLAN Data Portal 279-501

Download icon

WSCAD Universe 279-501

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ZUKEN Portal 279-501

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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 mm² / AWG 24; insulated; electro-tin plated; yellow



Item No.: 216-302
Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; light turquoise



Item No.: 216-201
Ferrule; Sleeve for 0.5 mm² / 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 mm² / AWG 22; un-insulated; electro-tin plated; silver-colored



Item No.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray



Item No.: 216-102
Ferrule; Sleeve for 0.75 mm² / AWG 20; un-insulated; electro-tin plated; silver-colored



Item No.: 216-203
Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red



Item No.: 216-103
Ferrule; Sleeve for 1 mm² / 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® 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 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white



[Item No.: 279-471](#)
Insulation stop; 0.25 mm²; 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 mm²; insulated; 110 mm long; black



Item No.: 249-123
Push-in type wire jumper; 0.75 mm²; insulated; 180 mm long; black



Item No.: 249-127
Push-in type wire jumper; 0.75 mm²; 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 mm² - 4 mm² tbs; gray



Item No.: 209-170
Test plug adapter; 8.3 mm wide; for 4 mm Ø test plugs; suitable for 1.5 mm² - 10 mm² 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

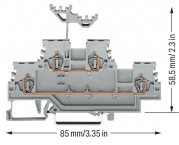


Item No.: 210-648
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short



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)