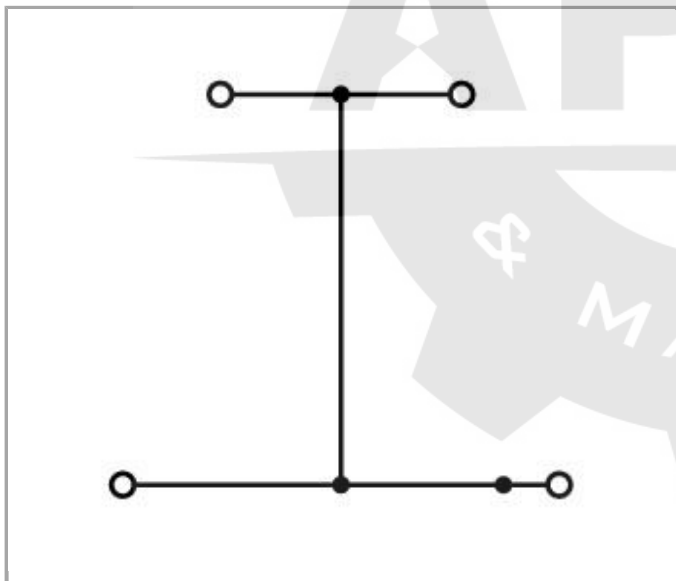
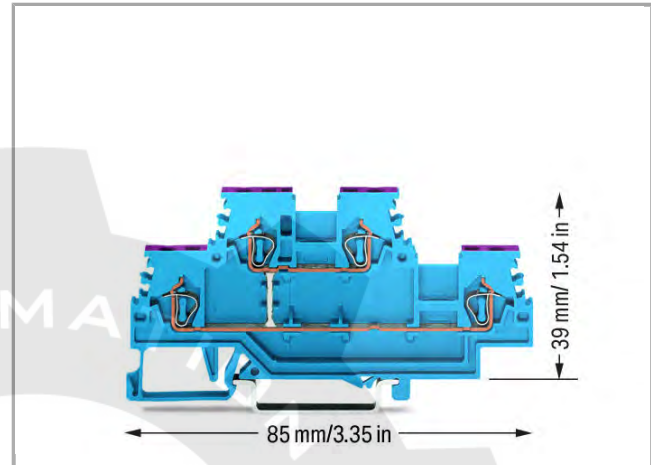
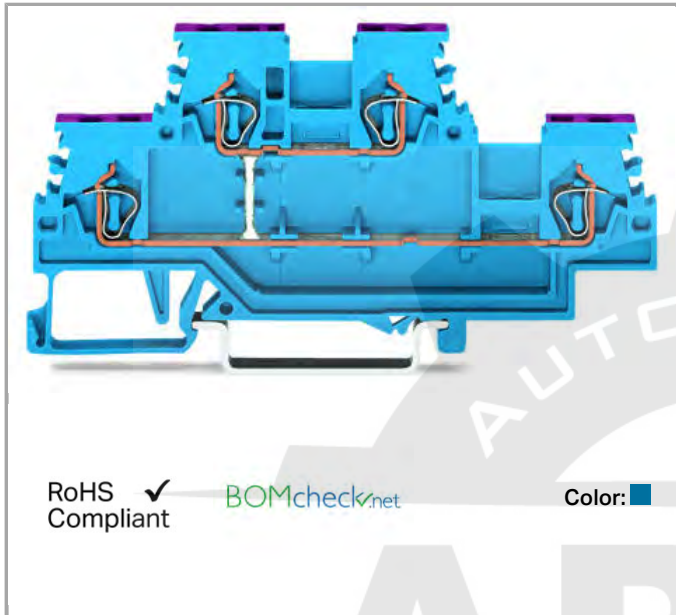


Data sheet | Item number: 279-509



Double-deck terminal block; 4-conductor through terminal block; N; suitable for Ex i applications; internal commoning; conductor entry with violet marking; for DIN-rail 35 x 15 and 35 x 7.5; 1.5 mm²; CAGE CLAMP®; 1,50 mm²; blue

279-509



Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	18 A

Connection data

Connection technology	CAGE CLAMP®
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 inch
Total number of connection points	4
Total number of potentials	1
Number of levels	2
Type of wiring	Front-entry wiring

Geometrical Data

Width	4 mm / 0.157 inch
Height from upper-edge of DIN-35 rail	39 mm / 1.535 inch
Depth	85 mm / 3.346 inch

Mechanical data

Design	horizontal
Type of mounting	DIN-35 rail
Potential marking	N
Marking level	Side marking

Material Data

Color	blue
Insulating material	Polyamide 66 (PA 66)
Fire load	0.146 MJ
Weight	7.841 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Country of origin	CN
GTIN	4050821614142
Customs Tariff No.	85369010000

Approvals / Certificates

Radio-Approvals

Logo	Approval	Additional Approval Text	Certificate name

	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7081
	CSA	C22.2 No. 158	70133738
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2160584.04

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	14- HG1293677- PDA
	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7081
	CSA DEKRA Certification B.V.	C22.2 No. 158	70133738
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2160584.04

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	14- HG1293677- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2

Other Approvals

Logo	Approval	Additional Approval Text	Certificate name
------	----------	--------------------------	------------------



UR
Underwriters Laboratories Inc.

UL 1059

E45172

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Compatible products

Carrier rail

	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"	210-112
	Item no.: 210-113 Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; according to EN 60715	210-113
	Item no.: 210-114 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; similar to EN 60715	210-114
	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"	210-115
	Item no.: 210-118 Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslotted; according to EN 60715	210-118
	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	210-196
	Item no.: 210-197 Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; similar to EN 60715	210-197
	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	210-198

**Item no.: 210-504**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slotted; galvanized; according to EN 60715

210-504

**Item no.: 210-505**

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslotted; galvanized; according to EN 60715

210-505

**Item no.: 210-506**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslotted; galvanized; similar to EN 60715

210-506

**Item no.: 210-508**

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slotted; galvanized; similar to EN 60715

210-508

End plate**Item no.: 209-192**

Separator for Ex e/Ex i applications; 3 mm thick; 125.5 mm wide; orange

209-192

**Item no.: 279-518**

End and intermediate plate; 2 mm thick; gray

279-518

**Item no.: 279-519**

End and intermediate plate; 2 mm thick; orange

279-519

Jumper**Item no.: 210-103**

Wire commoning chain; insulated; 50 connections; black

210-103

**Item no.: 249-123**Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm²

249-123

**Item no.: 249-125**Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm²

249-125

**Item no.: 249-126**Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm²

249-126

**Item no.: 249-127**Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm²

249-127

**Item no.: 279-402**

Adjacent jumper; insulated; Nominal current 15 A; gray

279-402

**Item no.: 279-409**

Alternate jumper; insulated; Nominal current 15 A; gray

279-409

**Item no.: 279-422**

Adjacent jumper; insulated; Nominal current 15 A; yellow-green

279-422

**Item no.: 279-482**

Comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray

279-482

**Item no.: 279-483**

Comb-style jumper bar; insulated; 3-way; IN = IN terminal block; gray

279-483

**Item no.: 279-490**

Comb-style jumper bar; insulated; 10-way; IN = IN terminal block; gray

279-490

**Item no.: 279-492**

Alternate comb-style jumper bar; insulated; 2-way; IN = IN terminal block; gray

279-492

Insulation stop

**Item no.: 279-470**Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip; white

279-470

**Item no.: 279-471**Insulation stop; 0.25 mm²; 5 pieces/strip; dark gray

279-471

assembling**Item no.: 209-106**

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

209-106

**Item no.: 709-153**

Cover; Type 1; suitable for cover carrier, type 1; 1 m long; transparent

709-153

Protective Warning Marker**Item no.: 279-415**

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

279-415

check**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

209-170

tools**Item no.: 210-647**

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

210-647

**Item no.: 210-648**

Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled

210-648

**Item no.: 210-719**

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

210-719

General accessories**Item no.: 249-105**

Group marker carrier

249-105

**Item no.: 279-529**

Adaptor

279-529

**Item no.: 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

280-404

ferrule**Item no.: 216-101**Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

216-101

**Item no.: 216-102**Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

216-102

**Item no.: 216-103**Ferrule; Sleeve for 1 mm² / AWG 18; uninsulated; electro-tin plated

216-103

**Item no.: 216-201**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white

216-201

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

216-202

	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red	216-203
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated; yellow	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated; green	216-302
Marking accessories		
	Item no.: 2009-114 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type; white	2009-114
	Item no.: 2009-114/000-002 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type; yellow	2009-114 /000-002
	Item no.: 2009-114/000-005 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type; red	2009-114 /000-005
	Item no.: 2009-114/000-006 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type; blue	2009-114 /000-006
	Item no.: 2009-114/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type; gray	2009-114 /000-007
	Item no.: 2009-114/000-012 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type; orange	2009-114 /000-012
	Item no.: 2009-114/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type; green	2009-114 /000-023
	Item no.: 2009-114/000-024 WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type; violet	2009-114 /000-024
	Item no.: 209-128 Adaptor	209-128
	Item no.: 209-140 Group marker carrier	209-140
	Item no.: 209-141 Group marker carrier	209-141
	Item no.: 209-142 Group marker carrier	209-142
	Item no.: 209-185 Adaptor	209-185
	Item no.: 793-4501 WMB marking card; as card; stretchable 4 - 4.2 mm; plain; snap-on type; white	793-4501



Item no.: 793-4501/000-002

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

/000-002

793-4501



Item no.: 793-4501/000-005

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

/000-005

793-4501



Item no.: 793-4501/000-006

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

/000-006

793-4501



Item no.: 793-4501/000-007

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

/000-007

793-4501



Item no.: 793-4501/000-012

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

/000-012

793-4501



Item no.: 793-4501/000-017

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

/000-017

793-4501



Item no.: 793-4501/000-023

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

/000-023

793-4501



Item no.: 793-4501/000-024

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

/000-024

793-4501

Downloads

Documentation

Bid Text

279-509

doc
25.1 kB

Download

Additional Information

Technical explanations

Apr 3, 2019

pdf
2.1 MB

Download

CAD/CAE - Smart Data

CAD data

3D Download 279-509

URL

Download

EPLAN

EPLAN Data Portal

Download

WSCAD

WSCAD Universe

[Download](#)



Subject to changes.