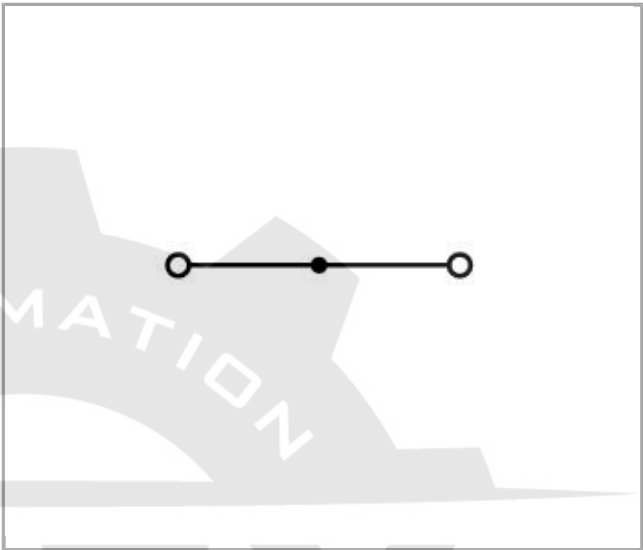
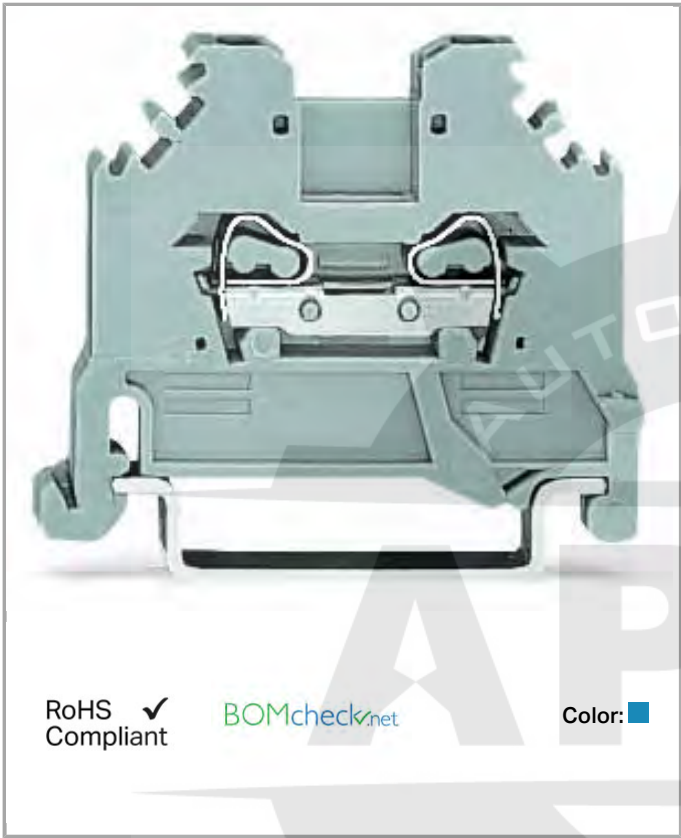


Data sheet | Item number: 279-104
2-conductor through terminal block; 1.5 mm²; suitable for Ex i applications;
lateral marker slots; for DIN-rail 35 x 15 and 35 x 7.5; CAGE CLAMP®



279-104



Data
Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	800 V
Rated impulse voltage (III / 3)	8 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	2
Total number of potentials	1
Number of levels	1
Type of wiring	Side-entry wiring

Geometrical Data

Width	4 mm / 0.157 inch
Height from upper-edge of DIN-35 rail	30.5 mm / 1.201 inch
Depth	42.5 mm / 1.673 inch

Mechanical data

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

Material Data

Color	blue
Fire load	0.08 MJ
Weight	3.15 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Country of origin	IN
GTIN	4045454026455
Customs Tariff No.	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	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
	BV Bureau Veritas S.A.	EN 60947	07436/E0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)

UL-Approvals

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

Compatible products

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

209-170

assembling

**Item no.: 209-106**

Mounting carrier; for isolated mounting on DIN 35 rails

209-106



Item no.: 709-153

709-153

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

Protective Warning Marker



Item no.: 279-405

279-405

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

End plate



Item no.: 280-301

280-301

End and intermediate plate; 2.5 mm thick



Item no.: 280-302

280-302

End and intermediate plate; 2.5 mm thick



Item no.: 280-322

280-322

Separator plate; 2 mm thick; oversized



Item no.: 280-332

280-332

Separator plate; 2 mm thick; oversized



Item no.: 281-333

281-333

Step-down intermediate plate; 1 mm thick; "only for 4 mm terminal blocks



Item no.: 281-336

281-336

Step-down intermediate plate; 1 mm thick; "only for 4 mm terminal blocks

Jumper



Item no.: 249-123

249-123

Push-in type wire jumper; insulated; wire length 180 mm; Conductor cross section 0.75 mm²

Item no.: 249-125

249-125

Push-in type wire jumper; insulated; wire length 60 mm; Conductor cross section 0.75 mm²

Item no.: 249-126

249-126

Push-in type wire jumper; insulated; wire length 110 mm; Conductor cross section 0.75 mm²

Item no.: 249-127

249-127

Push-in type wire jumper; insulated; wire length 250 mm; Conductor cross section 0.75 mm²

Item no.: 279-402

279-402

Adjacent jumper; insulated; Nominal current 15 A



Item no.: 279-409

279-409

Alternate jumper; insulated; Nominal current 15 A



Item no.: 279-422

279-422

Adjacent jumper; insulated; Nominal current 15 A



Item no.: 284-414

284-414

Step-down jumper; insulated; from 10/6 mm² to 4/2.5/1.5 mm²; Nominal current 15 A

ferrule



Item no.: 216-101

216-101

Ferrule; Sleeve for 0.5 mm² / AWG 22; uninsulated; electro-tin plated

Item no.: 216-102

216-102

Ferrule; Sleeve for 0.75 mm² / AWG 20; uninsulated; electro-tin plated

	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	216-103
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated	216-201
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated	216-202
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated	216-203
	Item no.: 216-301 Ferrule; Sleeve for 0.25 mm ² / AWG 24; insulated; electro-tin plated	216-301
	Item no.: 216-302 Ferrule; Sleeve for 0.34 mm ² / 22 AWG; insulated; electro-tin plated	216-302
tools		
	Item no.: 210-647 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short	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 with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm	210-719
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	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	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

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

Group marker carrier

249-105

**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

280-404

Marking accessories**Item no.: 2009-114**

WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type

2009-114

**Item no.: 2009-114/000-002**

WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type

/000-002

2009-114

**Item no.: 2009-114/000-005**

WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type

/000-005

2009-114

**Item no.: 2009-114/000-006**

WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type

/000-006

2009-114

**Item no.: 2009-114/000-007**

WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type

/000-007

2009-114

**Item no.: 2009-114/000-012**

WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type

/000-012

2009-114

**Item no.: 2009-114/000-023**

WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type

/000-023

2009-114

**Item no.: 2009-114/000-024**

WMB-Inline; for Smart Printer; on reel; stretchable 4 - 4.2 mm; plain; snap-on type

/000-024

2009-114

**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.: 793-4501**

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

793-4501

**Item no.: 793-4501/000-002**

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

793-4501

/000-002

**Item no.: 793-4501/000-005**

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

793-4501

/000-005

**Item no.: 793-4501/000-006**

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

793-4501

/000-006

**Item no.: 793-4501/000-007**

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

793-4501

/000-007

**Item no.: 793-4501/000-012**

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

793-4501

/000-012

**Item no.: 793-4501/000-017**

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

793-4501

/000-017

**Item no.: 793-4501/000-023**

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

793-4501

/000-023

**Item no.: 793-4501/000-024**

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

793-4501

/000-024

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