

Data sheet | Item number: 285-159

Three phase set; with 50 mm² high-current tbs; only for DIN 35 x 15 rail;
copper; 50 mm²; POWER CAGE CLAMP



285-159



RoHS 
Compliant

BOMcheck.net

Item description

Safety information 1:

sively on DIN-35 x 15 rail; 2.3 mm thick, copper

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	1000 V
Rated impulse voltage (III / 3)	8 kV
Rated current	150 A

Connection data

Connection technology	POWER CAGE CLAMP
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	10 ... 50 mm ² / 8 ... 1/0 AWG
Fine-stranded conductor	10 ... 70 mm ² / 8 ... 2/0 AWG
Strip length	30 mm / 1.18 inch
Total number of connection points	10
Total number of potentials	5
Number of levels	1
Type of wiring	Side-entry wiring

Geometrical Data

Height from upper-edge of DIN-35 rail	87 mm / 3.425 inch
Depth	94 mm / 3.701 inch

Mechanical data

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

Material Data

Color	gray, blue, green-yellow
Insulating material	Polyamide 66 (PA 66)
Fire load	10.658 MJ
Weight	812.38 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
Country of origin	DE
GTIN	4045454584269
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-7707
	CSA DEKRA Certification B.V.	C22.2	1151144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-101911

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14-HG1293677-



UL-Approvals

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

Compatible products

Marking accessories

	Item no.: 2009-115 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type		2009-115
	Item no.: 2009-115/000-002 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-002	2009-115
	Item no.: 2009-115/000-006 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-006	2009-115
	Item no.: 2009-115/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-007	2009-115
	Item no.: 2009-115/000-012 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-012	2009-115
	Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-017	2009-115
	Item no.: 2009-115/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	2009-115
	Item no.: 2009-115/000-024 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	2009-115



Item no.: 285-442
Adaptor

285-442



Item no.: 793-501
WMB marking card; as card; not stretchable; plain; snap-on type

793-501



Item no.: 793-501/000-002
WMB marking card; as card; not stretchable; plain; snap-on type

/000-002

793-501



Item no.: 793-501/000-005
WMB marking card; as card; not stretchable; plain; snap-on type

/000-005

793-501



Item no.: 793-501/000-006
WMB marking card; as card; not stretchable; plain; snap-on type

/000-006

793-501



Item no.: 793-501/000-007
WMB marking card; as card; not stretchable; plain; snap-on type

/000-007

793-501



Item no.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type

/000-012

793-501



Item no.: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type

/000-017

793-501



Item no.: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type

/000-023

793-501



Item no.: 793-501/000-024
WMB marking card; as card; not stretchable; plain; snap-on type

/000-024

793-501



Item no.: 793-5501
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501



Item no.: 793-5501/000-002
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

793-5501



Item no.: 793-5501/000-005
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-005

793-5501



Item no.: 793-5501/000-006
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

793-5501



Item no.: 793-5501/000-007
WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

793-5501

**Item no.: 793-5501/000-012**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501

/000-012

**Item no.: 793-5501/000-017**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501

/000-017

**Item no.: 793-5501/000-023**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501

/000-023

**Item no.: 793-5501/000-024**

WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type

793-5501

/000-024

Carrier rail**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

ferrule**Item no.: 216-109**Ferrule; Sleeve for 10 mm² / AWG 8; uninsulated; electro-tin plated

216-109

**Item no.: 216-110**Ferrule; Sleeve for 16 mm² / AWG 6; uninsulated; electro-tin plated

216-110

**Item no.: 216-209**Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated

216-209

**Item no.: 216-210**Ferrule; Sleeve for 16 mm² / AWG 6; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-210

**Item no.: 216-289**Ferrule; Sleeve for 10 mm² / AWG 8; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-289

**Item no.: 216-414**Ferrule; Sleeve for 35 mm² / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

216-414

**Item no.: 216-424**Ferrule; Sleeve for 35 mm² / AWG 2; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

216-424

**Item no.: 216-425**Ferrule; Sleeve for 50 mm² / AWG 1; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

216-425

**Item no.: 216-435**Ferrule; Sleeve for 50 mm² / AWG 1; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

216-435

Jumper**Item no.: 285-450**

Adjacent jumper; insulated; Nominal current 150 A

285-450

assembling**Item no.: 210-148**

Angled support bracket; without screw

210-148

protection



Item no.: 285-440

Protective warning marker; with high-voltage symbol, black

285-440



Item no.: 285-441

Finger guard; touchproof cover protects unused conductor entries and jumper slots; for 50 mm² high-current tbs

285-441

General accessories



Item no.: 249-105

Group marker carrier

249-105



Item no.: 285-172

Hex wrench with partially insulated shaft

285-172



Item no.: 285-447

Power tap; for 50 mm² high-current tbs; Module width 16 mm

285-447

Downloads

Documentation

Bid Text

285-159

doc
25.1 kB

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CAD/CAE - Smart Data

CAD data

3D Download 285-159

URL

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Product family

POWER CAGE CLAMP[Learn more about the product family.](#)[Show all products from the family](#)

Subject to changes.