

Item description

According to EN 61984, pluggable connectors without current interrupting capacity shall not be mated and unmated when live or under load.

Data

Electrical data



Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	32 A

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross section	4 mm ²
Solid conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm ² / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
No. of poles	8
Total number of connection points	8
Total number of potentials	8
Type of wiring	Front-entry wiring

Geometrical Data

Width	40 mm / 1.575 inch
Height	45.2 mm / 1.78 inch
Depth	18.3 mm / 0.72 inch
Module width	5 mm / 0.197 inch

Mechanical data

Marking level	Side marking
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Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors

Material Data





Color	blue
Insulating material	Polyamide 66 (PA 66)
Fire load	0.451 MJ
Weight	26.108 g

Commercial data



Country of origin	DE
GTIN	4045454579845
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
	CCA DEKRA Certification B.V.	IEC 61984	NL-47799
	CCA DEKRA Certification B.V.	EN 61984	2190419.02
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1977	E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Compatible products

Strain relief plate



Item no.: 769-1608
Strain relief housing

769-1608



Item no.: 769-413
Strain relief plate

769-413

Marking accessories



Item no.: 2009-145
Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-145



Item no.: 2009-145/000-002
Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-002

2009-145



Item no.: 2009-145/000-005
Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-005

2009-145



Item no.: 2009-145/000-006
Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-006

2009-145



Item no.: 2009-145/000-007
Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-007

2009-145



Item no.: 2009-145/000-012
Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-012

2009-145



Item no.: 2009-145/000-023
Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-023

2009-145



Item no.: 2009-145/000-024
Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

/000-024

2009-145



Item no.: 210-805
Labels; for Smart Printer

210-805



Item no.: 210-805/000-002
Labels; for Smart Printer

















/000-002

210-805


















Item no.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive

210-831

	Item no.: 210-832 Marking strips; on reel; 3 mm wide; plain; Self-adhesive	210-832
	Item no.: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive	210-834
	Item no.: 248-501 Miniature WSB Quick marking system; plain; Marker width 5 mm; 10 strips with 10 markers per card	248-501
	Item no.: 248-501/000-002 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-002
	Item no.: 248-501/000-005 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-005
	Item no.: 248-501/000-006 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-006
	Item no.: 248-501/000-007 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-007
	Item no.: 248-501/000-012 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-012
	Item no.: 248-501/000-017 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-017
	Item no.: 248-501/000-023 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-023
	Item no.: 248-501/000-024 Mini-WSB marking card; as card; not stretchable; plain; snap-on type	248-501 /000-024
Jumper		
	Item no.: 769-402 Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs	769-402
Insulation stop		
	Item no.: 769-470 Insulation stop; 0.08 - 0.2 mm ² "s" (0.14 mm ² "f-st"); 5 pieces/strip	769-470
	Item no.: 769-471 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip	769-471
	Item no.: 769-472 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip	769-472
General accessories		
	Item no.: 769-436 Jumper cover; for 1-conductor female plugs; for 5 poles	769-436

Male plug

	Item no.: 769-608 1-conductor male connector; 4 mm ² ; Pin spacing 5 mm; 8-pole	769-608
	Item no.: 769-608/001-000 1-conductor male connector; Snap-in mounting feet; 4 mm ² ; Pin spacing 5 mm; 8-pole	769-608 /001-000
	Item no.: 769-608/002-000 1-conductor male connector; clamping collar; 4 mm ² ; Pin spacing 5 mm; 8-pole	769-608 /002-000
	Item no.: 769-608/004-000 1-conductor male connector; Feedthrough flange; 4 mm ² ; Pin spacing 5 mm; 8-pole	769-608 /004-000
	Item no.: 769-608/005-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 8-pole	769-608 /005-000
	Item no.: 769-608/006-000 1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 8-pole	769-608 /006-000
	Item no.: 769-638 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 8-pole	769-638
	Item no.: 769-638/003-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 8-pole	769-638 /003-000
	Item no.: 769-638/004-000 THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 8-pole	769-638 /004-000
	Item no.: 769-638/007-000 THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 8-pole	769-638 /007-000
	Item no.: 769-668 THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 8-pole	769-668
	Item no.: 769-668/003-000 THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 8-pole	769-668 /003-000
	Item no.: 769-668/004-000 THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 8-pole	769-668 /004-000
check		
	Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable	210-136
	Item no.: 210-137 Test plug; 2.3 mm Ø; with 500 mm cable	210-137

Protective Warning Marker



Item no.: 280-415
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

280-415

Locking lever


Item no.: 769-428
Locking lever

769-428



Item no.: 769-429
Locking lever

769-429



Item no.: 769-430
Locking lever

769-430



Item no.: 769-431
Locking lever

769-431

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.: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; uninsulated; electro-tin plated

216-104



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

216-201



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

216-202



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

216-203



Item no.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated

216-204



Item no.: 216-206
Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated

216-206

Item no.: 216-301
Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated

216-301



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

216-302

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Documentation**Bid Text**

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Subject to changes.
