



RoHS 
Compliant

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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	6
Total number of connection points	6
Total number of potentials	6
Type of wiring	Front-entry wiring

Geometrical Data

Width	30 mm / 1.181 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	gray, green-yellow
Insulating material	Polyamide 66 (PA 66)
Fire load	0.321 MJ
Weight	19.418 g

Commercial data

Country of origin	DE
GTIN	4045454486686
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	1101144

UL-Approvals

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



Underwriters Laboratories Inc.

Compatible products

Protective Warning Marker



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

Male plug



Item no.: 769-606	769-606
1-conductor male connector; 4 mm ² ; Pin spacing 5 mm; 6-pole	



Item no.: 769-606/001-000	769-606
1-conductor male connector; Snap-in mounting feet; 4 mm ² ; Pin spacing 5 mm; 6-pole	



Item no.: 769-606/002-000	769-606
1-conductor male connector; clamping collar; 4 mm ² ; Pin spacing 5 mm; 6-pole	



Item no.: 769-606/004-000	769-606
1-conductor male connector; Feedthrough flange; 4 mm ² ; Pin spacing 5 mm; 6-pole	



Item no.: 769-606/005-000	769-606
1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 6-pole	



Item no.: 769-606/006-000	769-606
1-conductor male connector; Snap-in flange; 4 mm ² ; Pin spacing 5 mm; 6-pole	



Item no.: 769-636	769-636
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 6-pole	



Item no.: 769-636/003-000	769-636
THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 6-pole	



Item no.: 769-636/003-036	769-636
THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 6-pole	



Item no.: 769-636/004-000

THT male header; 1.0 x 1.0 mm solder pin; straight; Pin spacing 5 mm; 6-pole

/004-000

769-636



Item no.: 769-636/007-000

THT male header; 1.0 x 1.0 mm solder pin; straight; clamping collar; Pin spacing 5 mm; 6-pole

/007-000

769-636



Item no.: 769-666

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 6-pole

769-666



Item no.: 769-666/003-000

THT male header; 1.0 x 1.0 mm solder pin; angled; clamping collar; Pin spacing 5 mm; 6-pole

/003-000

769-666



Item no.: 769-666/004-000

THT male header; 1.0 x 1.0 mm solder pin; angled; Pin spacing 5 mm; 6-pole

/004-000

769-666

General accessories



Item no.: 769-436

Jumper cover; for 1-conductor female plugs; for 5 poles

769-436

Strain relief plate



Item no.: 769-413

Strain relief plate

769-413

Jumper



Item no.: 769-402

Miniature adjacent jumper; insulated; suitable for 1-conductor female plugs

769-402

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

Insulation stop



Item no.: 769-470

Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 5 pieces/strip

769-470



Item no.: 769-471

Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip

769-471



Item no.: 769-472

Insulation stop; 0.75 - 1 mm²; 5 pieces/strip

769-472

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 mm ² / AWG 20; uninsulated; electro-tin plated	216-102
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated	216-103
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated	216-104
	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.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated	216-204
	Item no.: 216-206 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated	216-206
	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
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
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	2009-145 / 000-002
	Item no.: 2009-145/000-005 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145 / 000-005
	Item no.: 2009-145/000-006 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145 / 000-006
	Item no.: 2009-145/000-007 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145 / 000-007

	Item no.: 2009-145/000-012 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145 /000-012
	Item no.: 2009-145/000-023 Mini-WSB Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145 /000-023
	Item no.: 2009-145/000-024 Mini-WSB Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-145 /000-024
	Item no.: 210-805 Labels; for Smart Printer	210-805
	Item no.: 210-805/000-002 Labels; for Smart Printer	210-805 /000-002
	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
248-501

Downloads
Documentation

Bid Text

769-106/000-036	doc 26.1 kB	Download
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Product family

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Subject to changes.