

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)	690 V
Rated impulse voltage (III / 3)	6 kV
Rated current	24 A
Rated current (2)	32 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Open Tool Slot Push-in
Connectable conductor materials	Copper
Nominal cross section	2.5 mm ²
Solid conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Solid conductor, push-in termination	0.75 ... 4 mm ² / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Strip length	10 ... 12 mm / 0.39 ... 0.47 inch
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a

smaller cross section can also be inserted via push-in termination.

No. of poles	2
Total number of connection points	2
Total number of potentials	2
Type of wiring	Front-entry wiring

Geometrical Data

Width	10.4 mm / 0.409 inch
Height	56.5 mm / 2.224 inch
Depth	27.2 mm / 1.071 inch
Module width	5.2 mm / 0.205 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
Insulating material	Polyamide 66 (PA 66)
Fire load	0.128 MJ
Weight	7.25 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4050821090694
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	70107915

Compatible products

Strain relief plate



Item no.: 734-327
Strain relief plate

734-327

Marking accessories



Item no.: 2009-110
Marking strips; on reel; not stretchable; plain; snap-on type

2009-110



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.: 2009-135
WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type

2009-135



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

















210-805



















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

/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.: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive		210-833
	Item no.: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive		210-834
	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	/000-012	793-5501
	Item no.: 793-5501/000-017 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-017	793-5501
	Item no.: 793-5501/000-023 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-023	793-5501
	Item no.: 793-5501/000-024 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	/000-024	793-5501
tools			
	Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm		210-720
Locking lever			
	Item no.: 2022-141 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs		2022-141
	Item no.: 2022-142 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs		2022-142

	Item no.: 2022-151 Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more	2022-151
	Item no.: 2022-152 Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more	2022-152
Protective Warning Marker		
	Item no.: 2002-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	2002-115
ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-243
	Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-244
	Item no.: 216-246 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-246
	Item no.: 216-262 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-262
	Item no.: 216-263 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-263
	Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-264
	Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-266
	Item no.: 216-284 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-284
	Item no.: 216-286 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-286
Insulation stop		
	Item no.: 2002-171 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip	2002-171
	Item no.: 2002-172 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip	2002-172



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Documentation

Bid Text

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CAD/CAE - Smart Data

CAD data

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Product family

X-COM S

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Subject to changes.
