

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	13.5 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	15 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Open Tool Slot Push-in



Connectable conductor materials	Copper
Nominal cross section	1 mm ²
Solid conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Solid conductor, push-in termination	0.5 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Strip length	9 ... 11 mm / 0.35 ... 0.43 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	7
Total number of connection points	7
Total number of potentials	7
Type of wiring	Front-entry wiring

Geometrical Data

Width	25.2 mm / 0.992 inch
Height	64 mm / 2.52 inch
Depth	27.2 mm / 1.071 inch
Module width	3.5 mm / 0.138 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	0.329 MJ
Weight	17.438 g

Commercial data


Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4050821092582
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 7617
	CSA DEKRA Certification B.V.	C22.2 No. 158	2516073
	CSA DEKRA Certification B.V.	C22.2 No. 158	2516073

UL-Approvals


Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	E45172

Compatible products



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

Protective Warning Marker

	Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	2000-115
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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

Marking accessories


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

2009-110



Item no.: 2009-113
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113



Item no.: 2009-113/000-002
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-002

2009-113



Item no.: 2009-113/000-005
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-005

2009-113



Item no.: 2009-113/000-006
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-006

2009-113



Item no.: 2009-113/000-007
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-007

2009-113



Item no.: 2009-113/000-012
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-012

2009-113



Item no.: 2009-113/000-017
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-017

2009-113



Item no.: 2009-113/000-023
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-023

2009-113



Item no.: 2009-113/000-024
WMB-Inline; for Smart Printer; on reel; plain; snap-on type

/000-024

2009-113



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.: 793-3501
WMB marking card; as card; plain; snap-on type

793-3501



Downloads

Documentation

Bid Text

2020-107/144-000	docx 15.7 kB	Download
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Additional Information

pdf 2.1 MB	Download
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CAD/CAE - Smart Data

CAD data

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Product family

X-COM S-Mini

Show all products from the family

Subject to changes.
