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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	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	12
Total number of connection points	24
Total number of potentials	12
Type of wiring	Front-entry wiring

Geometrical Data

Width	42.7 mm / 1.681 inch
Height	40.5 mm / 1.594 inch
Depth	25 mm / 0.984 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	green-yellow, gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.543 MJ
Weight	32.72 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4050821221944
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
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	CSA DEKRA Certification B.V.	C22.2 No. 158	2516073
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UL-Approvals

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

	UL Underwriters Laboratories Inc.	UL 1059	E45172
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Compatible products

Locking lever

	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

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 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-243

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.: 2009-113

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

2009-113

/000-002



Item no.: 2009-113/000-005

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113

/000-005



Item no.: 2009-113/000-006

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113

/000-006



Item no.: 2009-113/000-007

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113

/000-007



Item no.: 2009-113/000-012

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113

/000-012



Item no.: 2009-113/000-017

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113

/000-017



Item no.: 2009-113/000-023

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113

/000-023



Item no.: 2009-113/000-024

WMB-Inline; for Smart Printer; on reel; plain; snap-on type

2009-113

/000-024



Item no.: 793-3501

WMB marking card; as card; plain; snap-on type

793-3501

Protective Warning Marker



Item no.: 2000-115

Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks

2000-115

Strain relief plate

Item no.: 734-430



Strain relief plate

734-430

Downloads
Documentation
Bid Text

2020-212/000-037	docx 15.6 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.