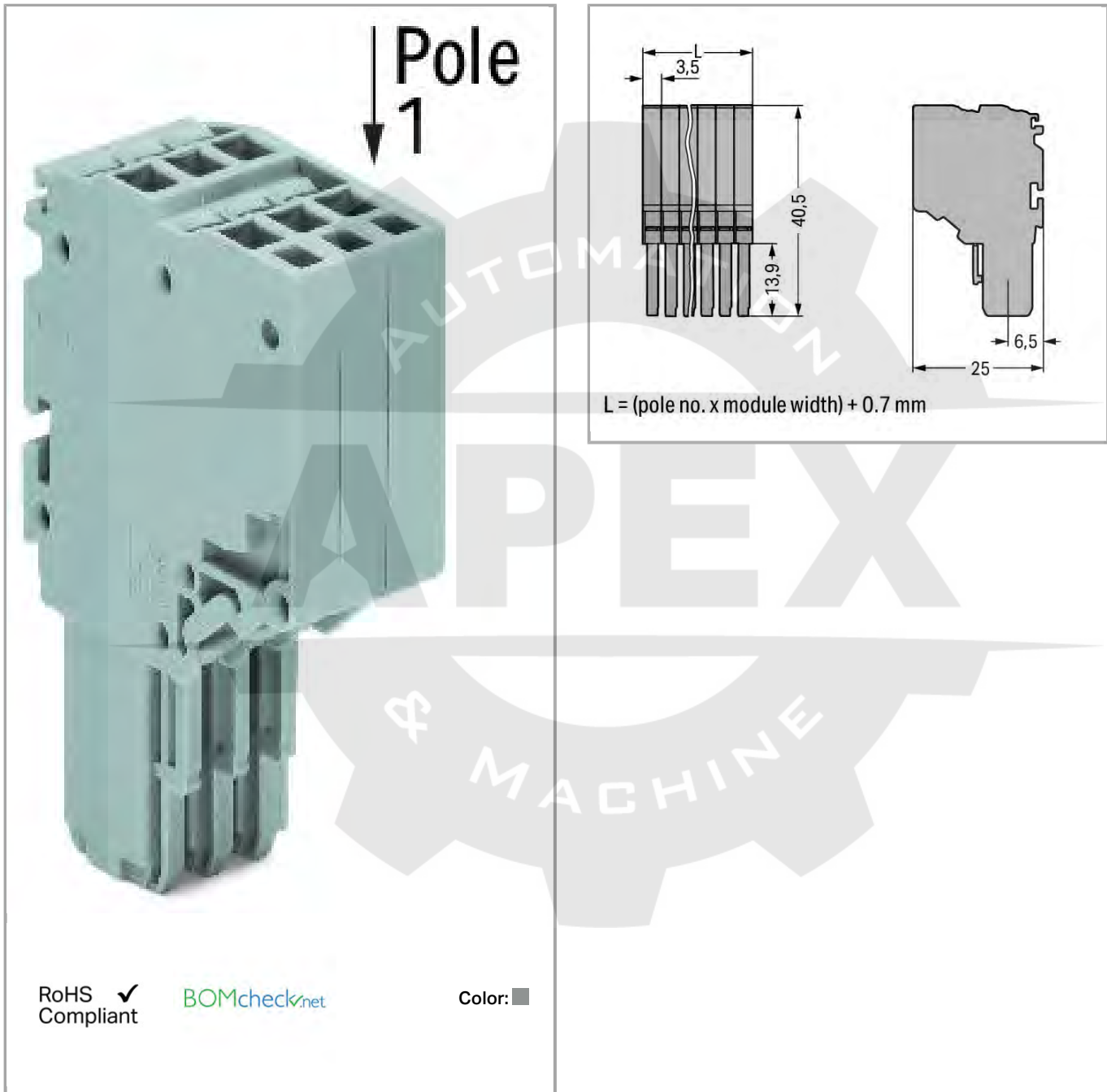




Item description

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

Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	10 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	10 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Open Tool Slot Push-in
Connectable conductor materials	Copper
Nominal cross section	1 mm²
Solid conductor	0.14 ... 1.5 mm² / 24 ... 16 AWG
Solid conductor, push-in termination	0.5 ... 1.5 mm² / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm² / 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	9
Total number of connection points	18
Total number of potentials	9
Type of wiring	Front-entry wiring

Geometrical Data

Width	32.2 mm / 1.268 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	gray
Insulating material	Polyamide 66 (PA 66)
Fire load	0.412 MJ
Weight	24.68 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4045454855314
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

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14- HG1293677- PDA
	BV Bureau Veritas S.A.	EN 60947	38586/A0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	EN 60947	91/20112 (E9)

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1059	E45172
	UL Underwriters Laboratories Inc.	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 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90

216-243

Strain relief plate**Item no.: 734-329**

Strain relief plate

734-329

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

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

Protective Warning Marker**Item no.: 2000-115**

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

2000-115

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

**Item no.: 2009-113/000-005**

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

2009-113

**Item no.: 2009-113/000-006**

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

2009-113

**Item no.: 2009-113/000-007**

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

2009-113

**Item no.: 2009-113/000-012**

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

2009-113

**Item no.: 2009-113/000-017**

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

2009-113

	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

Downloads

Documentation

Bid Text

2020-209	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

3D Download 2020-209	URL	Download
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Product family

X-COM S-Mini
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Subject to changes.