

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	10
Total number of connection points	20

Total number of potentials	10
Type of wiring	Front-entry wiring

Geometrical Data

Width	35.7 mm / 1.406 inch
Height	69 mm / 2.717 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	0.489 MJ
Weight	28.25 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4050821222101
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	C22.2 No. 158	2516073



DEKRA Certification B.V.

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL	UL 1059	E45172
	UL International Germany GmbH		
	UL	UL 1059	E45172
	Underwriters Laboratories Inc.		

Compatible products

Protective Warning Marker

	Item no.: 2000-115		2000-115
	Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks		
	ferrule		
	Item no.: 216-241		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		
	Item no.: 216-242		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		
	Item no.: 216-243		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		

Marking accessories

	Item no.: 2009-113		2009-113
	WMB-Inline; for Smart Printer; on reel; plain; snap-on type		
	Item no.: 2009-113/000-002		2009-113
	WMB-Inline; for Smart Printer; on reel; plain; snap-on type		/UUU-UUZ
	Item no.: 2009-113/000-005		2009-113
	WMB-Inline; for Smart Printer; on reel; plain; snap-on type		/UUU-UUS

	Item no.: 2009-113/000-006 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/0000-0006	2009-113
	Item no.: 2009-113/000-007 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/0000-0007	2009-113
	Item no.: 2009-113/000-012 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/0000-0112	2009-113
	Item no.: 2009-113/000-017 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/0000-0117	2009-113
	Item no.: 2009-113/000-023 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/0000-0223	2009-113
	Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/0000-0224	2009-113
	Item no.: 793-3501 WMB marking card; as card; plain; snap-on type		793-3501
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
Strain relief plate			
	Item no.: 734-326 Strain relief plate		734-326
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

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Documentation

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Product family

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Subject to changes.