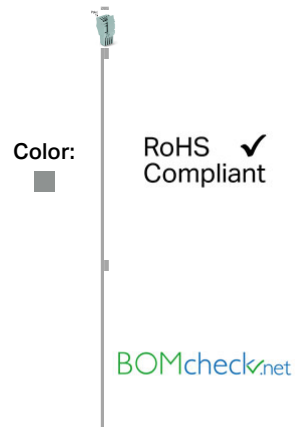


## Data sheet | Item number: 2020-103/122-000

1-conductor female plug; Locking lever; 1.5 mm<sup>2</sup>; 3-pole

2020-103/122-000



### 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 <sup>2</sup>
Solid conductor	0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG
Solid conductor, push-in termination	0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 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	3
Total number of connection points	3
Total number of potentials	3
Type of wiring	Front-entry wiring

### Geometrical Data

Width	11.2 mm / 0.441 inch
Height	48.9 mm / 1.925 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	0.142 MJ
Weight	7.53 g

### Commercial data


Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4050821092407
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

## 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	/UUU-UUZ	2009-113
	Item no.: 2009-113/000-005 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/UUU-UU5	2009-113
	Item no.: 2009-113/000-006 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/UUU-UU6	2009-113
	Item no.: 2009-113/000-007 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/UUU-UU7	2009-113

	<b>Item no.: 2009-113/000-012</b> WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/000-012	2009-113
	<b>Item no.: 2009-113/000-017</b> WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/000-017	2009-113
	<b>Item no.: 2009-113/000-023</b> WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/000-023	2009-113
	<b>Item no.: 2009-113/000-024</b> WMB-Inline; for Smart Printer; on reel; plain; snap-on type	/000-024	2009-113
	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive		210-831
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive		210-832
	<b>Item no.: 210-833</b> Marking strips; on reel; 6 mm wide; plain; Self-adhesive		210-833
	<b>Item no.: 210-834</b> Marking strips; on reel; 5 mm wide; plain; Self-adhesive		210-834
	<b>Item no.: 793-3501</b> WMB marking card; as card; plain; snap-on type		793-3501
<b>ferrule</b>			
	<b>Item no.: 216-241</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90		216-241
	<b>Item no.: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90		216-242
	<b>Item no.: 216-243</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90		216-243
<b>Locking lever</b>			
	<b>Item no.: 2022-141</b> Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs		2022-141
	<b>Item no.: 2022-142</b> Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs		2022-142
<b>tools</b>			
	<b>Item no.: 210-647</b> Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short		210-647
	<b>Item no.: 210-648</b> 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

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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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Documentation

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