2-conductor female connector; 1.5 mm²; 15-pole

2020-215/000-037

RoHS ✓
Compliant

BOMcheck.net

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 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	15
Total number of connection points	30
Total number of potentials	15
Type of wiring	Front-entry wiring

Geometrical Data

Width	53.2 mm / 2.094 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

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	0.675 MJ
Weight	40.76 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4050821221975
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
	UL Underwriters Laboratories Inc.	UL 1059	E45172

Compatible products

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 /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	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
	Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; on reel; plain; snap-on type	2009-113
	Item no.: 793-3501 WMB marking card; as card; plain; snap-on type	793-3501
Strain relief plate		
	Item no.: 734-430 Strain relief plate	734-430
Protective Warning Marker		
	Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	2000-115
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
ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm² / 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 mm² / 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	216-243

crimped; acc. to DIN 46228, Part 4/09.90

Downloads

Documentation

Bid Text

2020-215/000-037	docx 15.6 kB	Download

Additional Information

	pdf 2.1 MB	Download

CAD/CAE - Smart Data

CAD data

3D Download 2020-215/000-037	URL	Download

Product family

X-COM S-Mini
Show all products from the family

Subject to changes.