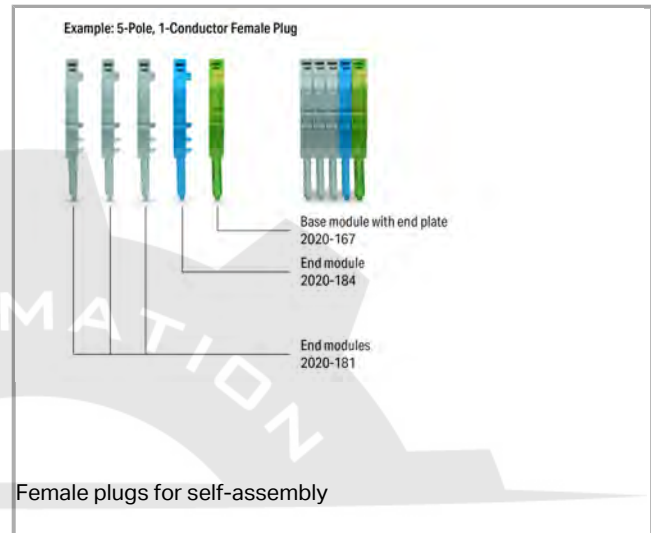
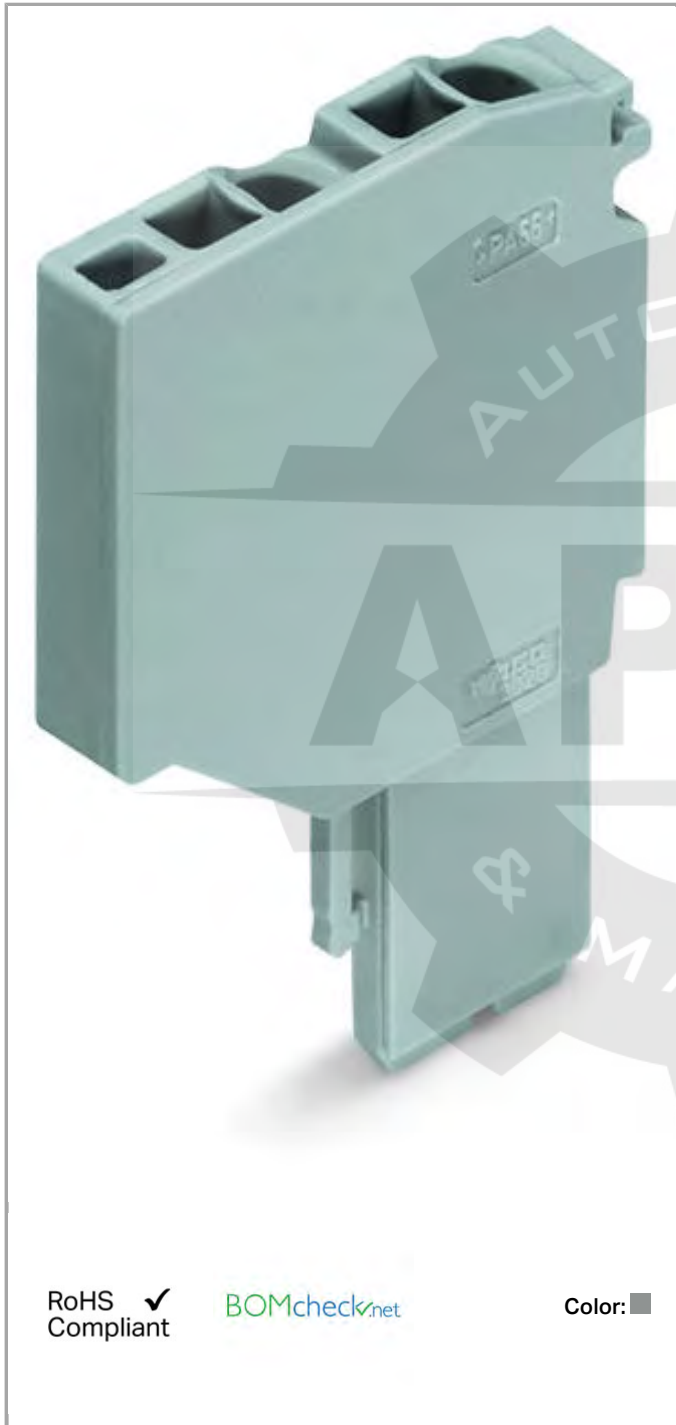


Data sheet | Item number: 2020-261

Start module for 2-conductor female connector; with integrated end plate;
1.5 mm²; 1-pole



2020-261



RoHS Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:

Item description

Customizing Modular Female Plugs



WAGO's modular X-COM®S-SYSTEM female plugs can be customized for applications requiring varying numbers of poles (e.g., when designing prototypes).

Modules and Pole Numbers

A customized X-COM®S-SYSTEM-MINI female plug consists of:

- One base module with end plate
- Up to 14 end modules

Intended Use

According to EN 61984, pluggable connectors without a current interrupting capacity must not be mated or unmated when live or under load.

Mounting

The appropriate mounting tool shall be used in order to guarantee that the individual modules are properly attached to each other without damaging the locking latches.

Safety information 1:

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	1
Total number of connection points	2
Total number of potentials	1
Type of wiring	Front-entry wiring

Geometrical Data

Width	4.2 mm / 0.165 inch
Height	40.5 mm / 1.594 inch
Depth	25 mm / 0.984 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	0.06 MJ
Weight	3.24 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	CN

GTIN	4050821245230
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

Compatible products

Strain relief plate



Item no.: 734-327
 Strain relief plate

734-327

Locking lever



Item no.: 2022-141
 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs

2022-141



Item no.: 2022-142
 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs

2022-142



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

Protective Warning Marker



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

2000-115

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
	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
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 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-243

Downloads

Documentation

Bid Text

2020-261	docx 15.9 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 2020-261	URL	Download
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Product family

X-COM S

Show all products from the family



Subject to changes.
