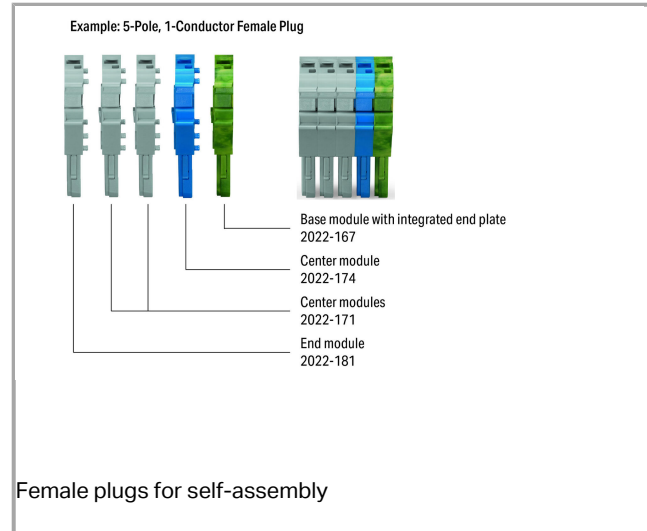


RoHS Compliant

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 female plug consists of:

- One base module with an integrated end plate
- Up to 13 center modules (corresponding to a 15-pole female plug = maximum pole number)

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- One end module

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)	690 V
Rated impulse voltage (III / 3)	6 kV
Rated current	24 A
Rated current (2)	32 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Open Tool Slot Push-in
Connectable conductor materials	Copper
Nominal cross section	2.5 mm ²
Solid conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Solid conductor, push-in termination	0.75 ... 4 mm ² / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Strip length	10 ... 12 mm / 0.39 ... 0.47 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	1
Total number of potentials	1
Type of wiring	Front-entry wiring

Geometrical Data

Width	5.2 mm / 0.205 inch
Height	40.5 mm / 1.594 inch

Depth	22.4 mm / 0.882 inch
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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	blue
Insulating material	Polyamide 66 (PA 66)
Fire load	0.053 MJ
Weight	3.185 g

Commercial data

Product Group	18 (X-COM-System)
Country of origin	CN
GTIN	4050821243427
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 7628
	CSA DEKRA Certification B.V.	C22.2 No. 158	70107915
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 101560

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	EN 60947	14- HG1293677-




	BV Bureau Veritas S.A.	EN 60947	38586/A0 BV
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	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
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	LR Lloyds Register	EN 60947	91/20112 (E9)
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UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	E45172


Compatible products

Insulation stop


	Item no.: 2002-171 Insulation stop; 0.25 - 0.5 mm²; 5 pieces/strip	2002-171
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	Item no.: 2002-172 Insulation stop; 0.75 - 1 mm²; 5 pieces/strip	2002-172
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









tools

	Item no.: 210-720 Operating tool with partially insulated shaft; Type 2, blade (3.5 x 0.5) mm	210-720
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Locking lever

	Item no.: 2022-141 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs	2022-141
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	Item no.: 2022-142 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs	2022-142
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	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
Strain relief plate		
	Item no.: 734-326 Strain relief plate	734-326
	Item no.: 734-327 Strain relief plate	734-327
	Item no.: 734-328 Strain relief plate	734-328
	Item no.: 734-329 Strain relief plate	734-329
	Item no.: 734-430 Strain relief plate	734-430
	Item no.: 734-431 Strain relief plate	734-431
Marking accessories		
	Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type	2009-110
	Item no.: 2009-115 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115
	Item no.: 2009-115/000-002 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-002
	Item no.: 2009-115/000-006 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-006
	Item no.: 2009-115/000-007 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-007
	Item no.: 2009-115/000-012 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-012
	Item no.: 2009-115/000-017 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-017
	Item no.: 2009-115/000-023 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-023
	Item no.: 2009-115/000-024 WMB-Inline; for smartPRINTER; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-115 /000-024



Item no.: 2009-135 WMB-Inline; for Smart Printer; on reel; stretchable 5 - 5.2 mm; plain; snap-on type	2009-135
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Item no.: 210-831 Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive	210-831
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Item no.: 210-832 Marking strips; on reel; 3 mm wide; plain; Self-adhesive	210-832
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Item no.: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive	210-833
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Item no.: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive	210-834
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Item no.: 793-5501 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501
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Item no.: 793-5501/000-002 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-002
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Item no.: 793-5501/000-005 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-005
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Item no.: 793-5501/000-006 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-006
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Item no.: 793-5501/000-007 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-007
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Item no.: 793-5501/000-012 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-012
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Item no.: 793-5501/000-017 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-017
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Item no.: 793-5501/000-023 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-023
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Item no.: 793-5501/000-024 WMB marking card; as card; stretchable 5 - 5.2 mm; plain; snap-on type	793-5501 /000-024
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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
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Item no.: 216-242	
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	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
	Item no.: 216-244	
	Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-244
	Item no.: 216-246	
	Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-246
	Item no.: 216-262	
	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	216-262
	Item no.: 216-263	
	Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-263
	Item no.: 216-264	
	Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-264
	Item no.: 216-266	
	Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-266
	Item no.: 216-284	
	Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-284
	Item no.: 216-286	
	Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	216-286
	Protective Warning Marker	
	Item no.: 2002-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	2002-115

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Documentation

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CAD/CAE - Smart Data

CAD data

3D Download 2022-184



Product family

X-COM S

Show all products from the family

Subject to changes.
