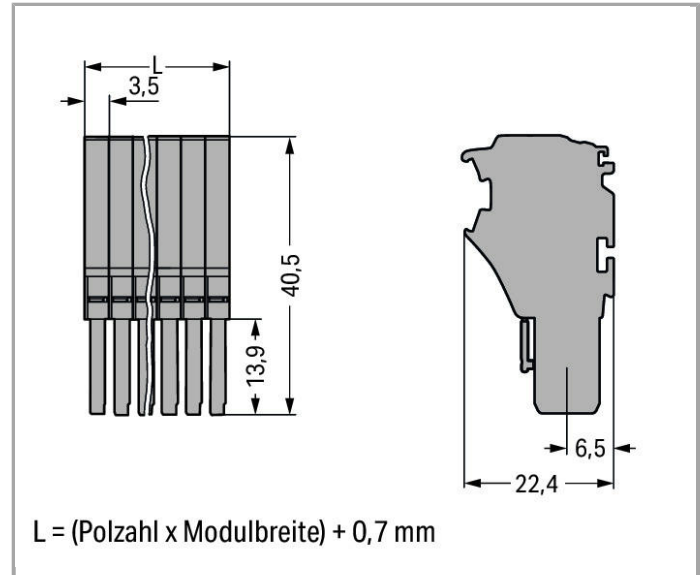
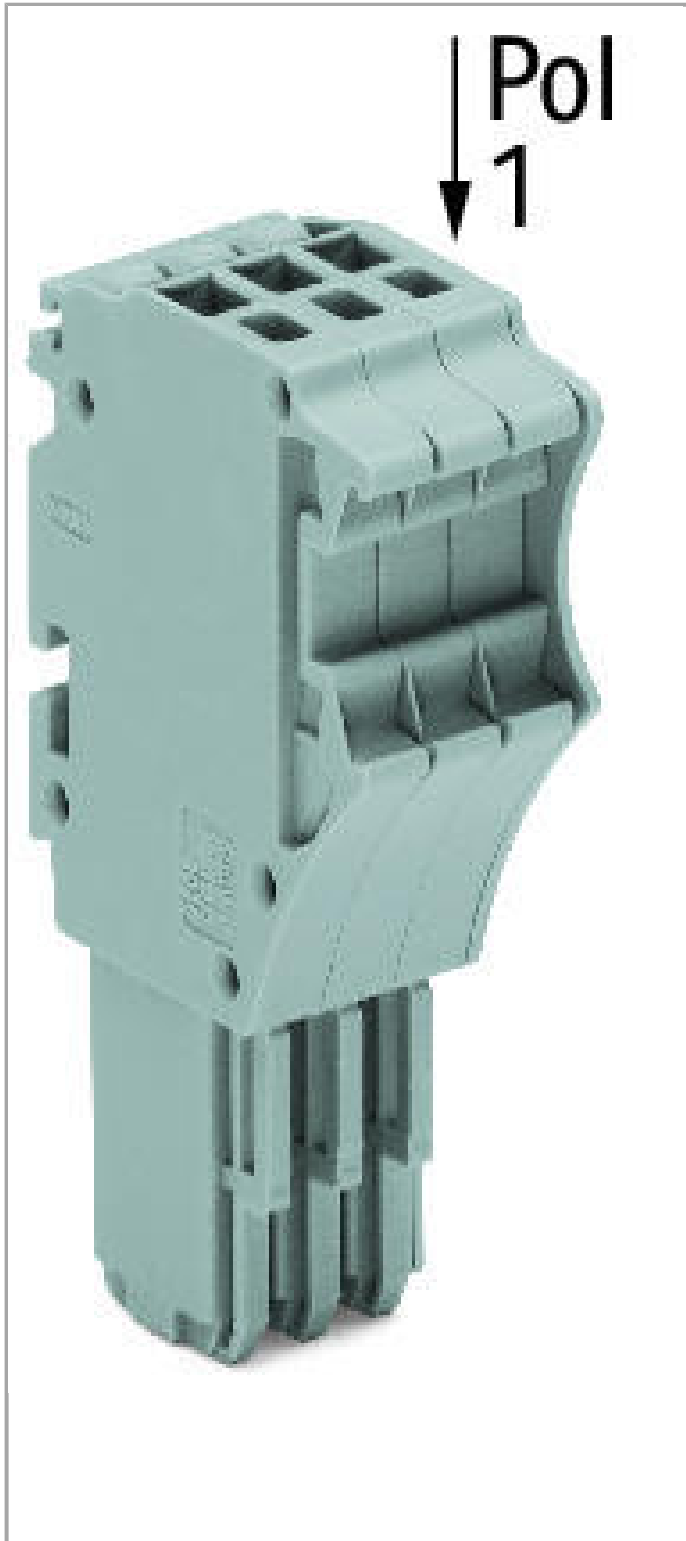


Data sheet | Item number: 2020-106

1-conductor female plug; 1.5 mm<sup>2</sup>; 6-pole

[www.wago.com/2020-106](http://www.wago.com/2020-106)



RoHS   
Compliant

BOMcheck.net

Color: 

## 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
Legend (ratings)	(III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3

#### 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 <sup>®</sup>
Actuation type	Operating tool Push-in
Connectable conductor materials	Copper Aluminum
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
Fine-stranded conductor with ferrule, push-in termination, from	0.5 mm <sup>2</sup> / 20 AWG
Strip length	9 ... 11 mm / 0.35 ... 0.43 Inch
No. of poles	6
Total number of connection points	6
Total number of potentials	6
Type of wiring	Front-entry wiring

### Geometrical Data

Width	21.7 mm / 0.854 inch
Height	40.5 mm / 1.594 inch
Depth	22.4 mm / 0.882 inch

### Mechanical data

Marking level	Side marking
---------------	--------------

### 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	0.247 MJ
Weight	13.64 g

### Commercial data




Country of origin	CN
GTIN	4050821245070
Customs Tariff No.	85366990990

### Approvals / Certificates

#### Country specific Approvals

Logo	Approval	Certificate name
	CSA DEKRA Certification B.V.	2516073

#### Ship Approvals








Logo	Approval	Certificate name
	<b>ABS</b> American Bureau of Shipping	14-HG1293677-PDA
	<b>BV</b> Bureau Veritas S.A.	38586/A0 BV
	<b>LR</b> Lloyds Register	91/20112 (E9)









## UL-Approvals

Logo	Approval	Certificate name
	<b>UL</b> Underwriters Laboratories Inc.	E45172





## Compatible products

## Marking accessories




	<b>Item no.: 2009-110</b> Marking strips; on reel; not stretchable; plain; snap-on type	<a href="http://www.wago.com/2009-110">www.wago.com/2009-110</a>
	<b>Item no.: 2009-113</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	<a href="http://www.wago.com/2009-113">www.wago.com/2009-113</a>
	<b>Item no.: 2009-113/000-002</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	<a href="http://www.wago.com/2009-113/000-002">www.wago.com/2009-113/000-002</a>
	<b>Item no.: 2009-113/000-005</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	<a href="http://www.wago.com/2009-113/000-005">www.wago.com/2009-113/000-005</a>
	<b>Item no.: 2009-113/000-006</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	<a href="http://www.wago.com/2009-113/000-006">www.wago.com/2009-113/000-006</a>
	<b>Item no.: 2009-113/000-007</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	<a href="http://www.wago.com/2009-113/000-007">www.wago.com/2009-113/000-007</a>
	<b>Item no.: 2009-113/000-012</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	<a href="http://www.wago.com/2009-113/000-012">www.wago.com/2009-113/000-012</a>

	<b>Item no.: 2009-113/000-017</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	<a href="http://www.wago.com/2009-113/000-017">www.wago.com/2009-113/000-017</a>
	<b>Item no.: 2009-113/000-023</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	<a href="http://www.wago.com/2009-113/000-023">www.wago.com/2009-113/000-023</a>
	<b>Item no.: 2009-113/000-024</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type	<a href="http://www.wago.com/2009-113/000-024">www.wago.com/2009-113/000-024</a>
	<b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive	<a href="http://www.wago.com/210-831">www.wago.com/210-831</a>
	<b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive	<a href="http://www.wago.com/210-832">www.wago.com/210-832</a>
	<b>Item no.: 210-833</b> Marking strips; on reel; 6 mm wide; plain; Self-adhesive	<a href="http://www.wago.com/210-833">www.wago.com/210-833</a>
	<b>Item no.: 210-834</b> Marking strips; on reel; 5 mm wide; plain; Self-adhesive	<a href="http://www.wago.com/210-834">www.wago.com/210-834</a>
	<b>Item no.: 793-3501</b> WMB marking card; as card; plain; snap-on type	<a href="http://www.wago.com/793-3501">www.wago.com/793-3501</a>


#### Locking lever

	<b>Item no.: 2022-141</b> Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs	<a href="http://www.wago.com/2022-141">www.wago.com/2022-141</a>
	<b>Item no.: 2022-142</b> Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs	<a href="http://www.wago.com/2022-142">www.wago.com/2022-142</a>
	<b>Item no.: 2022-151</b> Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more	<a href="http://www.wago.com/2022-151">www.wago.com/2022-151</a>
	<b>Item no.: 2022-152</b> Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more	<a href="http://www.wago.com/2022-152">www.wago.com/2022-152</a>

#### ferrule

	<b>Item no.: 216-241</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / AWG 22; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
	<b>Item no.: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
	<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	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>

#### Protective Warning Marker

	<b>Item no.: 2000-115</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks	<a href="http://www.wago.com/2000-115">www.wago.com/2000-115</a>
--	--	--

### Strain relief plate



Item no.: 734-328  
Strain relief plate

[www.wago.com/734-328](http://www.wago.com/734-328)

### tools



Item no.: 210-647  
Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short

[www.wago.com/210-647](http://www.wago.com/210-647)



Item no.: 210-648  
Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled

[www.wago.com/210-648](http://www.wago.com/210-648)



Item no.: 210-719  
Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

[www.wago.com/210-719](http://www.wago.com/210-719)

### Downloads

#### Documentation

#### Bid Text

2020-106	Aug 13, 2018	DOCX 15.4 kB	Download
----------	--------------	-----------------	----------

### smartDATA

#### CAD data

3D Download 2020-106	URL	Download
----------------------	-----	----------

### Product family

**X-COM S-Mini**  
[Show all products from the family](#)

Subject to changes.