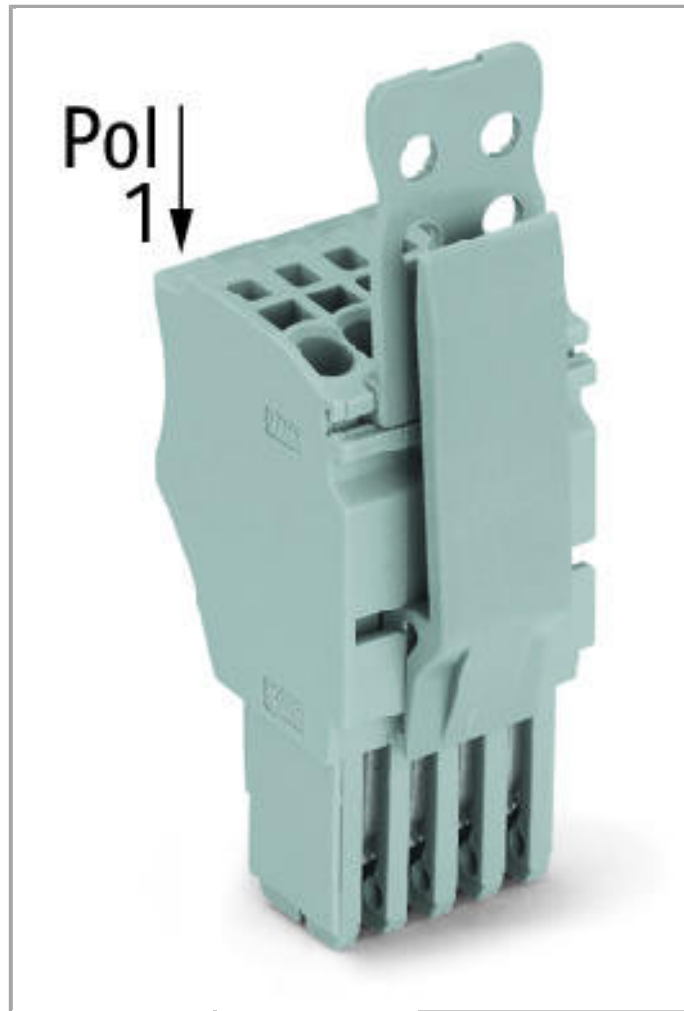


Data sheet | Item number: 2020-102/142-000

1-conductor female plug; Strain relief plate; 1.5 mm<sup>2</sup>; 2-pole

[www.wago.com/2020-102/142-000](http://www.wago.com/2020-102/142-000)



RoHS  Compliant

[BOMcheck.net](https://www.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) $\triangleq$ 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

### Connection data

Connection technology	Push-in CAGE CLAMP®
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	2
Total number of connection points	2
Total number of potentials	2
Type of wiring	Front-entry wiring

### Geometrical Data

Width	7.7 mm / 0.303 inch
Height	56.5 mm / 2.224 inch
Depth	27.2 mm / 1.071 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	0.106 MJ
Weight	5.45 g

## Commercial data


Country of origin	DE
GTIN	4050821092537
Customs Tariff No.	85366990990
Product Group	18 (X-COM-System)

## Approvals / Certificates

### Country specific Approvals




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

















### UL-Approvals

Logo	Approval	Certificate name
	UL Underwriters Laboratories Inc.	E45172




## Compatible products

### Marking accessories

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

	<p><b>Item no.: 2009-113/000-005</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type</p>	<a href="http://www.wago.com/2009-113/000-005">www.wago.com/2009-113/000-005</a>
	<p><b>Item no.: 2009-113/000-006</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type</p>	<a href="http://www.wago.com/2009-113/000-006">www.wago.com/2009-113/000-006</a>
	<p><b>Item no.: 2009-113/000-007</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type</p>	<a href="http://www.wago.com/2009-113/000-007">www.wago.com/2009-113/000-007</a>
	<p><b>Item no.: 2009-113/000-012</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type</p>	<a href="http://www.wago.com/2009-113/000-012">www.wago.com/2009-113/000-012</a>
	<p><b>Item no.: 2009-113/000-017</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type</p>	<a href="http://www.wago.com/2009-113/000-017">www.wago.com/2009-113/000-017</a>
	<p><b>Item no.: 2009-113/000-023</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type</p>	<a href="http://www.wago.com/2009-113/000-023">www.wago.com/2009-113/000-023</a>
	<p><b>Item no.: 2009-113/000-024</b> WMB-Inline; for smartPRINTER; on reel; plain; snap-on type</p>	<a href="http://www.wago.com/2009-113/000-024">www.wago.com/2009-113/000-024</a>
	<p><b>Item no.: 210-831</b> Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive</p>	<a href="http://www.wago.com/210-831">www.wago.com/210-831</a>
	<p><b>Item no.: 210-832</b> Marking strips; on reel; 3 mm wide; plain; Self-adhesive</p>	<a href="http://www.wago.com/210-832">www.wago.com/210-832</a>
	<p><b>Item no.: 210-833</b> Marking strips; on reel; 6 mm wide; plain; Self-adhesive</p>	<a href="http://www.wago.com/210-833">www.wago.com/210-833</a>
	<p><b>Item no.: 210-834</b> Marking strips; on reel; 5 mm wide; plain; Self-adhesive</p>	<a href="http://www.wago.com/210-834">www.wago.com/210-834</a>
	<p><b>Item no.: 793-3501</b> WMB marking card; as card; plain; snap-on type</p>	<a href="http://www.wago.com/793-3501">www.wago.com/793-3501</a>
<b>Protective Warning Marker</b>		
	<p><b>Item no.: 2000-115</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks</p>	<a href="http://www.wago.com/2000-115">www.wago.com/2000-115</a>
<b>tools</b>		
	<p><b>Item no.: 210-647</b> Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short</p>	<a href="http://www.wago.com/210-647">www.wago.com/210-647</a>
	<p><b>Item no.: 210-648</b> Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled</p>	<a href="http://www.wago.com/210-648">www.wago.com/210-648</a>
	<p><b>Item no.: 210-719</b> Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm</p>	<a href="http://www.wago.com/210-719">www.wago.com/210-719</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>

Downloads

Documentation

Bid Text

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smartDATA

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Product family

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Subject to changes.