

## Data sheet | Item number: 2020-214/145-000

2-conductor female connector; Strain relief plate; 1.5 mm<sup>2</sup>; 14-pole

[www.wago.com/2020-214/145-000](http://www.wago.com/2020-214/145-000)



### 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) ≙ 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	14
Total number of connection points	28

Total number of potentials	14
Type of wiring	Front-entry wiring

### Geometrical Data

Width	49.7 mm / 1.957 inch
Height	69 mm / 2.717 inch
Depth	29.8 mm / 1.173 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	0.713 MJ
Weight	41.049 g

### Commercial data


Country of origin	DE
GTIN	4050821222262
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

### Protective Warning Marker



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

[www.wago.com/2000-115](http://www.wago.com/2000-115)

### 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)

### Locking lever



**Item no.: 2022-151**  
Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more

[www.wago.com/2022-151](http://www.wago.com/2022-151)



**Item no.: 2022-152**  
Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more

[www.wago.com/2022-152](http://www.wago.com/2022-152)

### Marking accessories



**Item no.: 2009-113**  
WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

[www.wago.com/2009-113](http://www.wago.com/2009-113)



**Item no.: 2009-113/000-002**  
WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

[www.wago.com/2009-113/000-002](http://www.wago.com/2009-113/000-002)



**Item no.: 2009-113/000-005**  
WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

[www.wago.com/2009-113/000-005](http://www.wago.com/2009-113/000-005)



**Item no.: 2009-113/000-006**  
WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

[www.wago.com/2009-113/000-006](http://www.wago.com/2009-113/000-006)



**Item no.: 2009-113/000-007**  
WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

[www.wago.com/2009-113/000-007](http://www.wago.com/2009-113/000-007)






**Item no.: 2009-113/000-012**  
WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

[www.wago.com/2009-113/000-012](http://www.wago.com/2009-113/000-012)



**Item no.: 2009-113/000-017**  
WMB-Inline; for smartPRINTER; on reel; plain; snap-on type




[www.wago.com/2009-113/000-017](http://www.wago.com/2009-113/000-017)

	<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.: 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>

**Strain relief plate**

	<p><b>Item no.: 734-430</b> Strain relief plate</p>	<a href="http://www.wago.com/734-430">www.wago.com/734-430</a>
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**ferrule**

	<p><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</p>	<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
	<p><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</p>	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
	<p><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</p>	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>

**Downloads**

**Documentation**

**Bid Text**

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**smartDATA**

**CAD data**

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## Product family

**X-COM S-Mini**

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Subject to changes.

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