

RoHS   
Compliant

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

## 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	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, green-yellow
Insulating material	Polyamide 66 (PA 66)
Fire load	0.632 MJ
Weight	38.08 g

## Commercial data


Country of origin	DE
GTIN	4050821221906
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

### Locking lever

	Item no.: 2022-151 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>
	Item no.: 2022-152 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>

### tools

	Item no.: 210-647 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short	<a href="http://www.wago.com/210-647">www.wago.com/210-647</a>
	Item no.: 210-648 Operating tool with partially insulated shaft; Blade (2.5 x 0.4) mm; short; angled	<a href="http://www.wago.com/210-648">www.wago.com/210-648</a>
	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)


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**Strain relief plate**


**Item no.: 734-430**  
Strain relief plate

[www.wago.com/734-430](http://www.wago.com/734-430)


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**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)


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**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)

**Item no.: 2009-113/000-023**  
WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

[www.wago.com/2009-113/000-023](http://www.wago.com/2009-113/000-023)

**Item no.: 2009-113/000-024**  
WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

[www.wago.com/2009-113/000-024](http://www.wago.com/2009-113/000-024)

**Item no.: 793-3501**  
WMB marking card; as card; plain; snap-on type

[www.wago.com/793-3501](http://www.wago.com/793-3501)


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**ferrule**


**Item no.: 216-241**  
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

[www.wago.com/216-241](http://www.wago.com/216-241)



**Item no.: 216-242**

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

[www.wago.com/216-242](http://www.wago.com/216-242)



**Item no.: 216-243**

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

[www.wago.com/216-243](http://www.wago.com/216-243)

## Downloads

### Documentation

#### Bid Text

2020-214/000-036	Aug 14, 2018	DOCX 15.6 kB	Download
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## smartDATA

### CAD data

3D Download 2020-214/000-036	URL	Download
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## Product family

**X-COM S-Mini**

[Show all products from the family](#)

Subject to changes.