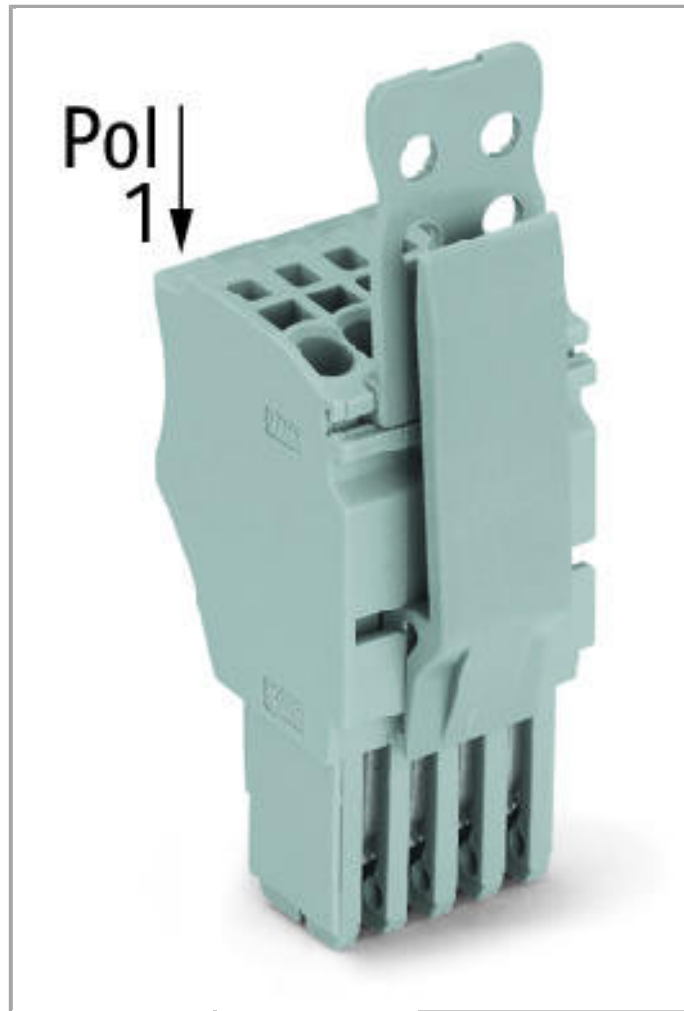


Data sheet | Item number: 2020-108/144-000

1-conductor female plug; Strain relief plate; 1.5 mm²; 8-pole

www.wago.com/2020-108/144-000



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 ²
Solid conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Solid conductor, push-in termination	0.5 ... 1.5 mm ² / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm ² / 24 ... 16 AWG
Fine-stranded conductor with ferrule, push-in termination, from	0.5 mm ² / 20 AWG
Strip length	9 ... 11 mm / 0.35 ... 0.43 Inch
No. of poles	8
Total number of connection points	8
Total number of potentials	8
Type of wiring	Front-entry wiring

Geometrical Data

Width	28.7 mm / 1.13 inch
Height	64 mm / 2.52 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	0.368 MJ
Weight	19.658 g

Commercial data

Country of origin	DE
GTIN	4050821092599
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
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ferrule

	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / AWG 22; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / AWG 20; insulated; electro-tin plated; electrolytic copper; gastight	www.wago.com/216-242



crimped; acc. to DIN 46228, Part 4/09.90



Item no.: 216-243

Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90 www.wago.com/216-243

Marking accessories



Item no.: 2009-110

Marking strips; on reel; not stretchable; plain; snap-on type

www.wago.com/2009-110



Item no.: 2009-113

WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

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



Item no.: 2009-113/000-005

WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

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



Item no.: 2009-113/000-007

WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

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



Item no.: 2009-113/000-017

WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

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



Item no.: 2009-113/000-024

WMB-Inline; for smartPRINTER; on reel; plain; snap-on type

www.wago.com/2009-113/000-024



Item no.: 210-831

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive

www.wago.com/210-831



Item no.: 210-832

Marking strips; on reel; 3 mm wide; plain; Self-adhesive

www.wago.com/210-832



Item no.: 210-833

Marking strips; on reel; 6 mm wide; plain; Self-adhesive

www.wago.com/210-833



Item no.: 210-834

Marking strips; on reel; 5 mm wide; plain; Self-adhesive

www.wago.com/210-834



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

www.wago.com/793-3501

tools



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

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



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

www.wago.com/210-719

Downloads

Documentation

Bid Text

2020-108/144-000	Aug 13, 2018	DOCX 15.7 kB	Download
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smartDATA

CAD data

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Product family

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

Subject to changes.