

Data sheet | Item number: 2020-109/124-000

1-conductor female plug; Locking lever; 1.5 mm²; 9-pole

www.wago.com/2020-109/124-000



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) ≙ 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	9
Total number of connection points	9
Total number of potentials	9
Type of wiring	Front-entry wiring

Geometrical Data

Width	32.2 mm / 1.268 inch
Height	48.9 mm / 1.925 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	0.388 MJ
Weight	21.25 g

Commercial data

Country of origin	DE
GTIN	4050821092469
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

Compatible products



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 crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-242
	Item no.: 216-243 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90	www.wago.com/216-243

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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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**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



Downloads

Documentation

Bid Text

2020-109/124-000	Aug 14, 2018	DOCX 15.6 kB	Download
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smartDATA

CAD data

3D Download 2020-109/124-000	URL	Download
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Product family

X-COM S-Mini

[Show all products from the family](#)

Subject to changes.

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