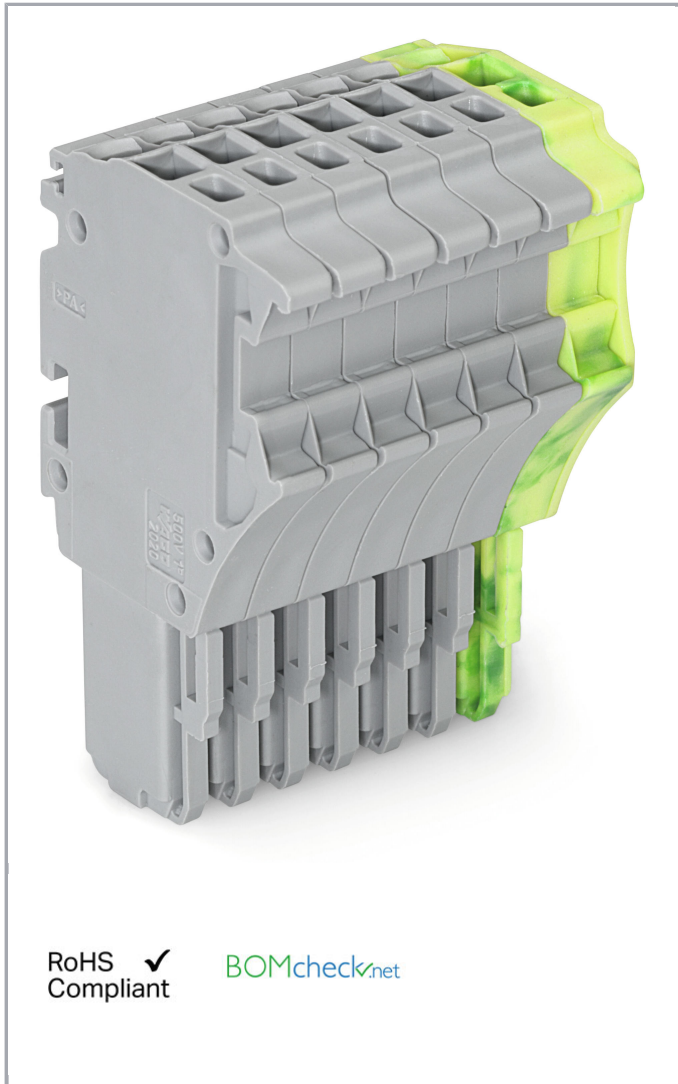


Data sheet | Item number: 2020-107/000-036

1-conductor female plug; 1.5 mm²; 7-pole; 1,50 mm²; gray, green-yellow

www.wago.com/2020-107/000-036



RoHS  Compliant

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

Item description

Safety information 1:

According to EN 61984, pluggable connectors without current interrupting capacity shall not be mated and unmated when live or under load.

Safety information 2:

Notice: An appropriate end plate must be applied to the carrier terminal blocks after each female plug.

Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 61984
Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated current	13.5 A
Legend (ratings)	(III / 3) $\hat{=}$ 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
Approvals per	UL 1059

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Open Tool Slot Push-in
Connectable conductor materials	Copper
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 with plastic collar	0.5 ... 0.75 mm ² / 20 ... 18 AWG
Fine-stranded conductor with ferrule, push-in termination, from	0.5 ... 0.75 mm ² / 20 ... 18 AWG
Strip length	9 ... 11 mm / 0.35 ... 0.43 inch
No. of poles	7
Total number of connection points	7
Total number of potentials	7
Type of wiring	Front-entry wiring
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.

Subject to changes. Please also observe the further product documentation!

Geometrical Data

Width	25.2 mm / 0.992 inch
Height	40.5 mm / 1.594 inch
Depth	22.4 mm / 0.882 inch
Module width	3.5 mm / 0.138 inch

Mechanical data

Marking level	Side marking
---------------	--------------

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	0.29 MJ
Weight	16.1 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	DE
GTIN	4050821026846
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals





Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	2516073

Subject to changes. Please also observe the further product documentation!








Counterpart

Compatible products










Locking lever

	Item no.: 2022-141 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs; gray	www.wago.com/2022-141
	Item no.: 2022-142 Locking lever; can be snapped on 1-conductor female plugs; for 1-pole female plugs; orange	www.wago.com/2022-142
	Item no.: 2022-151 Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more; gray	www.wago.com/2022-151
	Item no.: 2022-152 Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more; orange	www.wago.com/2022-152

Marking accessories

	Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110
	Item no.: 2009-113 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white	www.wago.com/2009-113
	Item no.: 2009-113/000-002 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow	www.wago.com/2009-113/000-002
	Item no.: 2009-113/000-005 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red	www.wago.com/2009-113/000-005
	Item no.: 2009-113/000-006 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue	www.wago.com/2009-113/000-006
	Item no.: 2009-113/000-007 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray	www.wago.com/2009-113/000-007
	Item no.: 2009-113/000-012 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange	www.wago.com/2009-113/000-012

Subject to changes. Please also observe the further product documentation!

	<p>Item no.: 2009-113/000-017 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green</p>	www.wago.com/2009-113/000-017
	<p>Item no.: 2009-113/000-023 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green</p>	www.wago.com/2009-113/000-023
	<p>Item no.: 2009-113/000-024 WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet</p>	www.wago.com/2009-113/000-024
	<p>Item no.: 210-831 Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white</p>	www.wago.com/210-831
	<p>Item no.: 210-832 Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white</p>	www.wago.com/210-832
	<p>Item no.: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white</p>	www.wago.com/210-833
	<p>Item no.: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white</p>	www.wago.com/210-834
	<p>Item no.: 793-3501 WMB marking card; as card; plain; snap-on type; white</p>	www.wago.com/793-3501
Strain relief plate		
	<p>Item no.: 734-329 Strain relief plate; gray</p>	www.wago.com/734-329
Protective Warning Marker		
	<p>Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow</p>	www.wago.com/2000-115
ferrule		
	<p>Item no.: 216-241 Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white</p>	www.wago.com/216-241
	<p>Item no.: 216-242 Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray</p>	www.wago.com/216-242
	<p>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; red</p>	www.wago.com/216-243
tools		
	<p>Item no.: 210-647 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft</p>	www.wago.com/210-647
	<p>Item no.: 210-648 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short</p>	www.wago.com/210-648

Subject to changes. Please also observe the further product documentation!



Item no.: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

www.wago.com/210-719

Downloads

Documentation

Additional Information

Technical explanations

Apr 3, 2019

pdf
2.1 MB

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CAD/CAE-Data

CAD data

2D/3D Models 2020-107/000-036

URL

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CAE data

EPLAN Data Portal 2020-107/000-036

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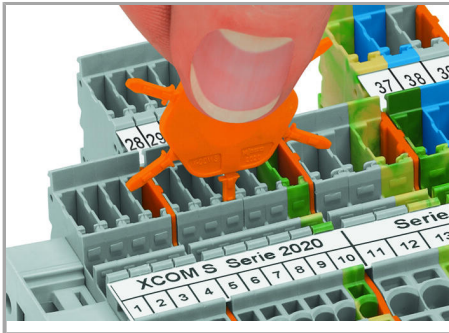
WSCAD Universe 2020-107/000-036

URL

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Installation Notes

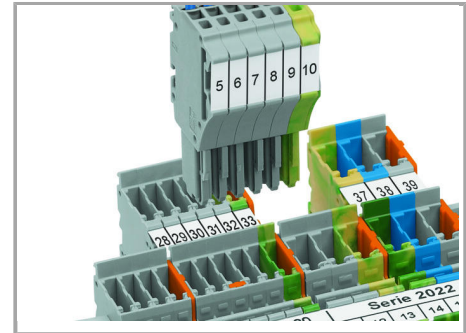
Coding



Insert coding pin into the corresponding slot and twist it off.



Coding a female plug: remove coding finger using a suitable tool.



Insert coded female connector into X-COM®S-SYSTEM terminal block assembly.

Locking lever

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

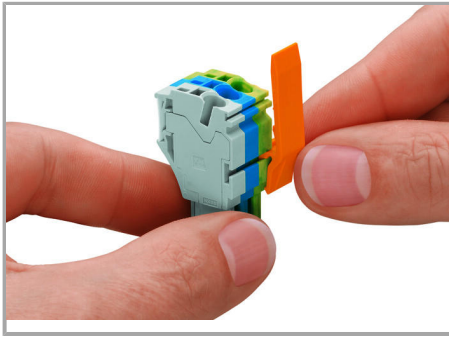
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Slide the locking lever into position.



Female plugs can be individually locked.

Product family

X-COM S-Mini

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!