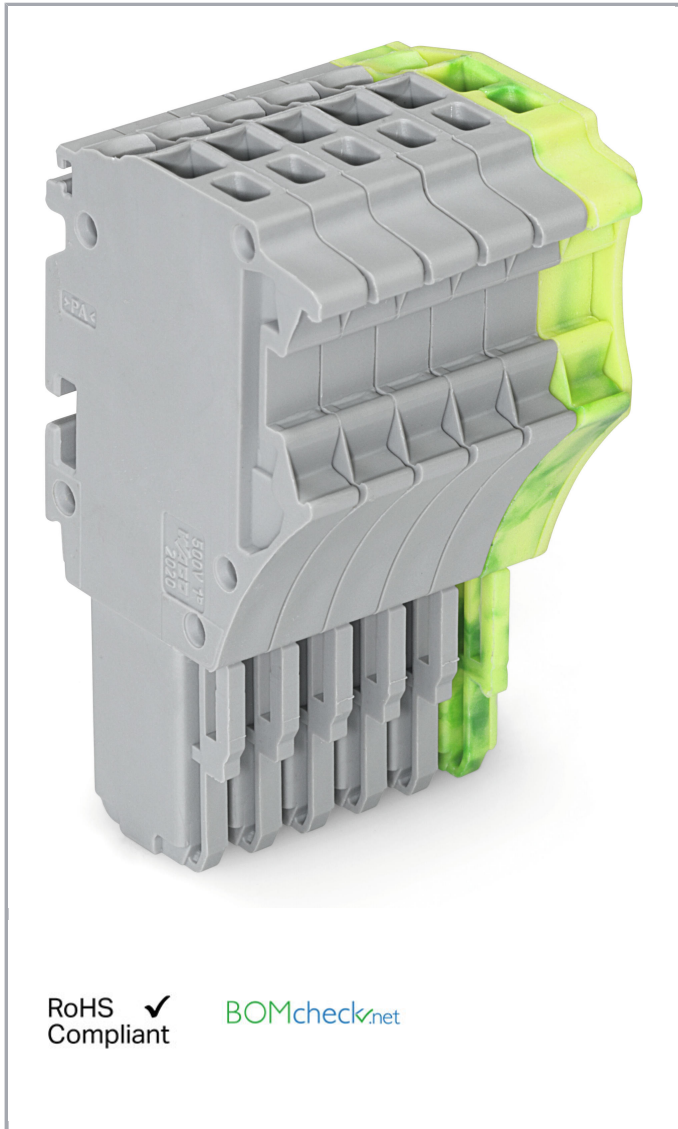


Data sheet | Item number: 2020-106/000-036

1-conductor female plug; 1.5 mm²; 6-pole; 1,50 mm²; gray, green-yellow

www.wago.com/2020-106/000-036



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	6
Total number of connection points	6
Total number of potentials	6
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	21.7 mm / 0.854 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
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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	0.251 MJ
Weight	13.9 g

Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	DE
GTIN	4050821026839
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

ferrule		
	Item no.: 216-241 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	www.wago.com/216-241
	Item no.: 216-242 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	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; red	www.wago.com/216-243
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
Protective Warning Marker		
	Item no.: 2000-115 Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	www.wago.com/2000-115
tools		
	Item no.: 210-647 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-647
	Item no.: 210-648 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short	www.wago.com/210-648
	Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719
Marking accessories		
	Item no.: 2009-110 Marking strips; on reel; not stretchable; plain; snap-on type; white	www.wago.com/2009-110

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



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



Item no.: 2009-113/000-017
WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green www.wago.com/2009-113/000-017



Item no.: 2009-113/000-023
WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green www.wago.com/2009-113/000-023

Item no.: 2009-113/000-024
WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet www.wago.com/2009-113/000-024

Item no.: 210-831
Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white www.wago.com/210-831

Item no.: 210-832
Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white www.wago.com/210-832



Item no.: 210-833
Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white www.wago.com/210-833



Item no.: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white www.wago.com/210-834



Item no.: 793-3501
WMB marking card; as card; plain; snap-on type; white www.wago.com/793-3501

Strain relief plate

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

Item no.: 734-328
Strain relief plate; gray

www.wago.com/734-328

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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CAD/CAE-Data

CAD data

2D/3D Models 2020-106/000-036	URL	Download
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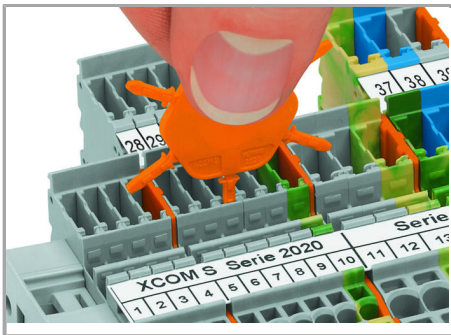
CAE data

EPLAN Data Portal 2020-106/000-036	URL	Download
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WSCAD Universe 2020-106/000-036	URL	Download
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Installation Notes

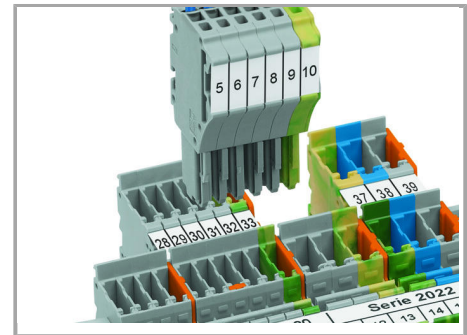
Coding



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!



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!