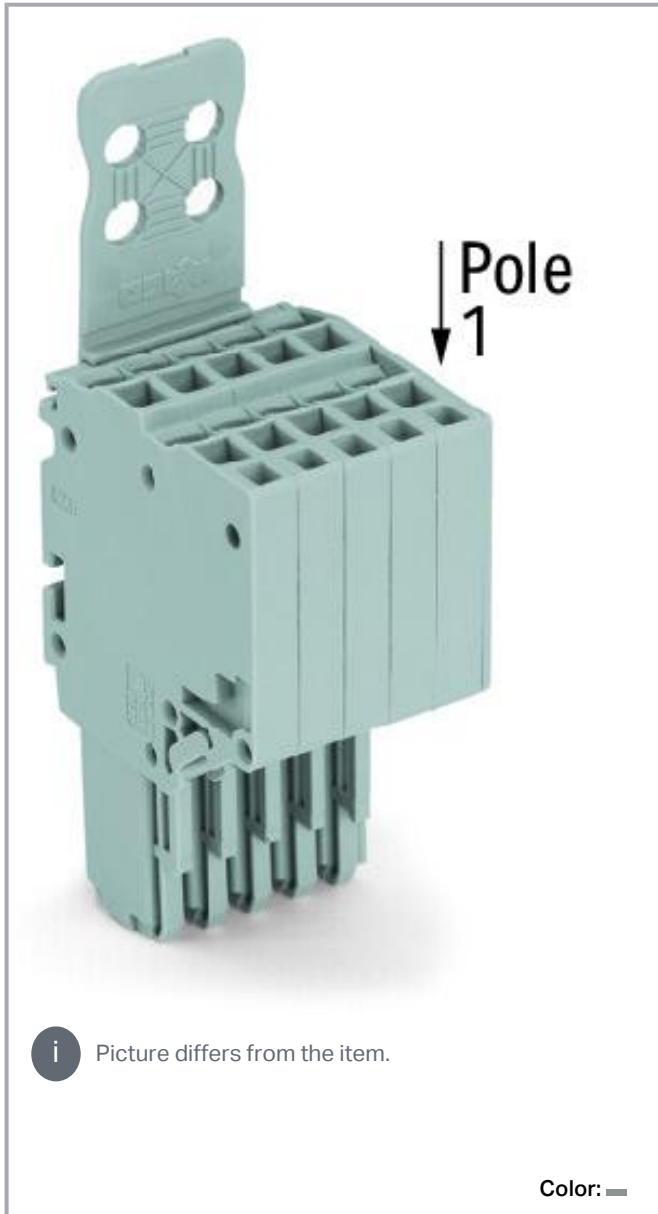


Data sheet | Item number: 2020-202/132-000

2-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; Strain relief plate; 1,50 mm²; gray

www.wago.com/2020-202/132-000



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

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Data Notes

Safety information	According to EN 61984, pluggable connectors without current interrupting capacity must not be mated or 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.

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 61984
Nominal 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

Ratings per UL

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

Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	10 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	10 A
Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

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

Connection data

Connection points	4
Total number of potentials	2

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	1 mm²
Solid conductor	0.14 ... 1.5 mm² / 24 ... 16 AWG
Solid conductor; push-in termination	0.5 ... 1.5 mm² / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm² / 24 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.14 ... 0.75 mm² / 24 ... 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 ... 0.75 mm² / 20 ... 18 AWG
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross-section can also be inserted via push-in termination.
Strip length	9 ... 11 mm / 0.35 ... 0.43 inches
Pole number	2
Wiring direction	Front-entry wiring

Physical data

Width	7.7 mm / 0.303 inches
Height	56.5 mm / 2.224 inches
Depth	25 mm / 0.984 inches
Module width	3.5 mm / 0.138 inches

Mechanical Data

Variable coding	Yes
Marking level	Side marking
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	No

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



Plugging without loss of pin spacing	No
Strain relief	Strain relief plate

Material data

Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.11 MJ
Weight	6.1 g

Environmental requirements

Processing temperature	-35 ... +85 °C
Continuous operating temperature	-60 ... +105 °C

Commercial data

Product Group	18 (X-COM-System)
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
ECCN	NO DATA
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821092674
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Certificate

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Logo	Approval	Additional Approval Text	name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7617
	UL UL International Germany GmbH	UL 1059	E 45172

Declarations of conformity and manufacturer's declarations

Logo	Approval	Additional Approval Text	Certificate name
	EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
	UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Optional accessories

Screwless end stop

Mounting accessories

**Item no.: 249-117**

Screwless end stop; 10 mm wide; for DIN-rail 35 x 15 and 35 x 7.5; gray

www.wago.com/249-117

Tool

Operating tool

**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.: 210-647**

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

www.wago.com/210-647**Item no.: 210-719**

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

www.wago.com/210-719

Protective warning marker

Cover

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**Item no.: 2000-115**

Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow

www.wago.com/2000-115**Ferrule**

Ferrule

**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; whitewww.wago.com/216-241**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; graywww.wago.com/216-242**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; redwww.wago.com/216-243**Marking accessories**

Marker

**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.: 793-3501**

WMB marking card; as card; plain; snap-on type; white

www.wago.com/793-3501**Downloads****Documentation****Bid Text**

Item no.	Date	File name	Size	Action
2020-202/132-000	2019 年2月19 日	xm1	4.1 kB	Download

X81 - Datei

Item no.	Date	File name	Size	Action
2020-202/132-000	2018 年8月6 日	docx	15.5 kB	Download

docx - Datei

Additional Information

File name	Size	Action
pdf	2.3 MB	Download

CAD/CAE-Data**CAD data**

Item no.	URL	Action
2D/3D Models 2020-202/132-000	URL	Download

CAE data

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EPLAN Data Portal 2020-202/132-000	URL	Download
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ZUKEN Portal 2020-202/132-000	URL	Download
EPLAN Data Portal 2020-202/132-000	URL	Download
WSCAD Universe 2020-202/132-000	URL	Download
Asset Administration Shell		
Asset Administration Shell 2020-202/132-000	URL	Download

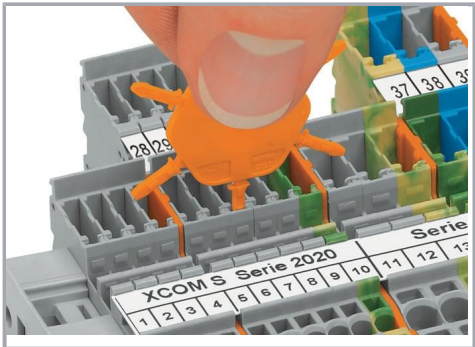
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2020-202/132-000	URL	Download
2-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; Strain relief plate; 1,50 mm²; gray		

Installation Notes

Coding

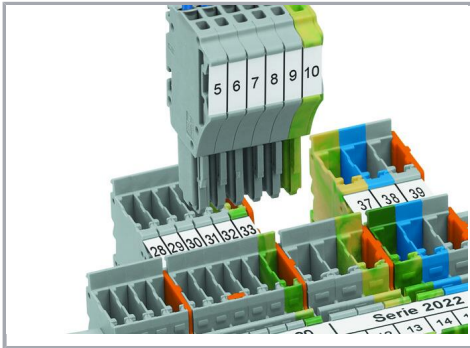


Insert coding pin into the corresponding slot and twist it off.



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

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



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

Product family

X-COM S-Mini

[Show all products from the family](#)

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