

Data sheet | Item number: 2020-215/000-038

2-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 15-pole; 1,50 mm²; gray/blue/green-yellow

www.wago.com/2020-215/000-038



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

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

WAGO GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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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) $\triangleq$ 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

Connection data

Connection points	30
Total number of potentials	15

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

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



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 insulated ferrule	0.14 ... 0.75 mm ² / 24 ... 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 ... 0.75 mm ² / 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	15
Wiring direction	Front-entry wiring

Physical data

Width	53.2 mm / 2.094 inches
Height	40.5 mm / 1.594 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
Plugging without loss of pin spacing	No

Material data

Note (material data)	Information on material specifications can be found here
Color	gray/blue/green-yellow
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.676 MJ
Weight	41.2 g

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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)	10 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821222033
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate 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	-	-

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UK-Declaration of Conformity
WAGO GmbH & Co. KG

Optional accessories

Ferrule

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

Strain relief

Strain relief plate



Item no.: 734-326 Strain relief plate; for female and male connectors; 35 mm wide; 1 part; gray	www.wago.com/734-326
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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



Item no.: 2000-115 Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow	www.wago.com/2000-115
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Screwless end stop

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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

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

Locking levers

Locking system

**Item no.: 2022-151**

Locking lever; gray

www.wago.com/2022-151**Item no.: 2022-152**

Locking lever; orange

www.wago.com/2022-152

Downloads

Documentation

Bid Text

2020-215/000-038	2019 年2月19 日	xml	Download
X81 - Datei		4.1 kB	
2020-215/000-038	2018 年8月7 日	docx	Download
docx - Datei		15.7 kB	

Additional Information

Technical Section	pdf	Download
Technical explanations	2.3 MB	

CAD/CAE-Data

CAD data

2D/3D Models 2020-215/000-038	URL	Download
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CAE data

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EPLAN Data Portal 2020-215/000-038	URL	Download
WSCAD Universe 2020-215/000-038	URL	Download
ZUKEN Portal 2020-215/000-038	URL	Download
WSCAD Universe 2020-215/000-038	URL	Download
EPLAN Data Portal 2020-215/000-038	URL	Download
Asset Administration Shell		
Asset Administration Shell 2020-215/000-038	URL	Download

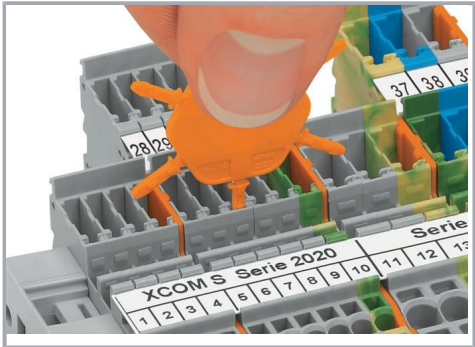
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2020-215/000-038	URL	Download
2-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 15-pole; 1,50 mm²; gray/blue/green-yellow		

Installation Notes

Coding

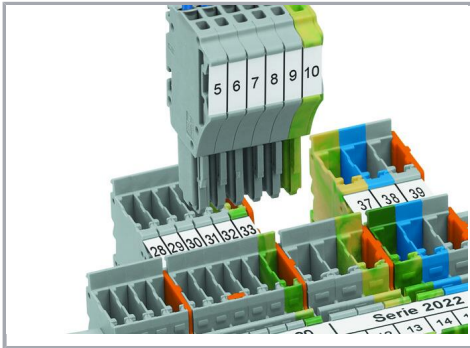


Insert coding pin into the corresponding slot and twist it off.



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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