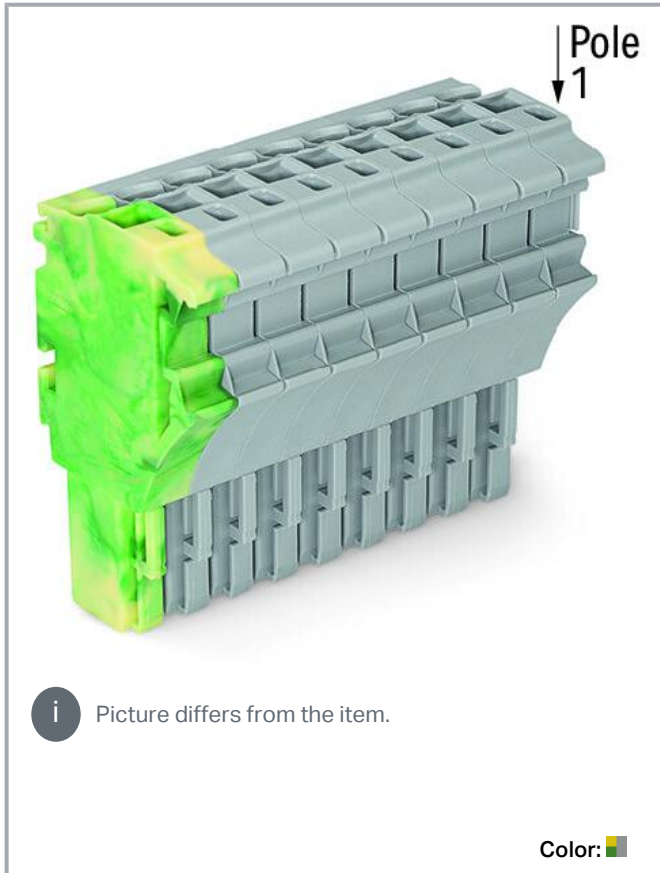


Data sheet | Item number: 2022-111/000-037

1-conductor female connector; Push-in CAGE CLAMP®; 4 mm²; Pin spacing 5.2 mm; 11-pole; 4,00 mm²; gray

www.wago.com/2022-111/000-037



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.

Electrical data

Ratings per IEC/EN

Ratings per

IEC/EN 61984

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

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Nominal voltage (III/3)	690 V
Rated impulse voltage (III/3)	6 kV
Rated current	24 A
Current at conductor cross-section (max.) mm ²	32 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Ratings per UL 1059

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	20 A
Rated voltage UL (Use Group C)	600 V
Rated current UL (Use Group C)	20 A

Ratings per CSA

Approvals per	CSA 22.2 No 158
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group C)	20 A

Connection data

Connection points	11
Total number of potentials	11

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	2.5 mm ²
Solid conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Solid conductor; push-in termination	0.75 ... 4 mm ² / 18 ... 12 AWG
Fine-stranded conductor	0.25 ... 4 mm ² / 22 ... 12 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 2.5 mm ² / 22 ... 14 AWG
Fine-stranded conductor; with ferrule; push-in termination	1 ... 2.5 mm ² / 18 ... 14 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	10 ... 12 mm / 0.39 ... 0.47 inches
Pole number	11

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



Wiring direction

Front-entry wiring

Physical data

Width	57.2 mm / 2.252 inches
-------	------------------------

Height	40.5 mm / 1.594 inches
--------	------------------------

Depth	22.4 mm / 0.882 inches
-------	------------------------

Module width	5.2 mm / 0.205 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	Yes
--------------------------------------	-----

Material Data

Note (material data)

Information on material specifications can be found [here](#)

Color	green-yellow/gray
-------	-------------------

Material group	I
----------------	---

Insulation material	Polyamide (PA66)
---------------------	------------------

Flammability class per UL94	V0
-----------------------------	----

Fire load	0.59 MJ
-----------	---------

Weight	36.4 g
--------	--------

Environmental requirements

Processing temperature	-35 ... +85 °C
------------------------	----------------

Continuous operating temperature	-60 ... +105 °C
----------------------------------	-----------------

Commercial data

Product Group	18 (X-COM-System)
---------------	-------------------

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eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454913069
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
------------------------	-------------------------



Approvals / Certificates

General approvals



Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2 No. 158	2437422

Optional accessories

Insulation stop

Insulation stop		
	Item no.: 2002-171 Insulation stop; 0.25 - 0.5 mm ² ; 5 pieces/strip; light gray	www.wago.com/2002-171
	Item no.: 2002-172 Insulation stop; 0.75 - 1 mm ² ; 5 pieces/strip; dark gray	www.wago.com/2002-172

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

Ferrule

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

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
	Item no.: 216-244 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-244
	Item no.: 216-263 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/216-263
	Item no.: 216-246 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	www.wago.com/216-246
	Item no.: 216-266 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	www.wago.com/216-266
	Item no.: 216-264 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-264
	Item no.: 216-284 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; black	www.wago.com/216-284
	Item no.: 216-286 Ferrule; Sleeve for 2.5 mm ² / AWG 14; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; blue	www.wago.com/216-286
	Item no.: 216-262 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/216-262

Strain relief

Strain relief plate



Item no.: 734-430
Strain relief plate; for female and male connectors; 1 part; gray

www.wago.com/734-430

Tool

Operating tool



Item no.: 210-720
Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; multicoloured

www.wago.com/210-720

Protective warning marker

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

Cover

**Item no.:** 2002-115

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

www.wago.com/2002-115

Marking accessories

Marking strip

**Item no.:** 2009-110

Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

www.wago.com/2009-110**Item no.:** 210-831

Marking strips; on reel; 2.3 mm wide; plain; Self-adhesive; white

www.wago.com/210-831**Item no.:** 210-833

Marking strips; 25 m on roll; 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.:** 210-832

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

www.wago.com/210-832

Label

**Item no.:** 210-805

Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; white

www.wago.com/210-805**Item no.:** 210-805/000-002

Labels; for Smart Printer; permanent adhesive; 6 x 15 mm; yellow

www.wago.com/210-805/000-002

Marker

**Item no.:** 2009-115

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/2009-115**Item no.:** 793-5501

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

www.wago.com/793-5501

Downloads

Documentation

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Additional Information

Technical Section

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Technical explanations

CAD/CAE-Data

CAD data

2D/3D Models 2022-111/000-037

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CAE data

EPLAN Data Portal 2022-111/000-037

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1-conductor female connector; Push-in CAGE CLAMP®; 4 mm²; Pin spacing 5.2 mm;
11-pole; 4,00 mm²; gray

Installation Notes

Coding

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

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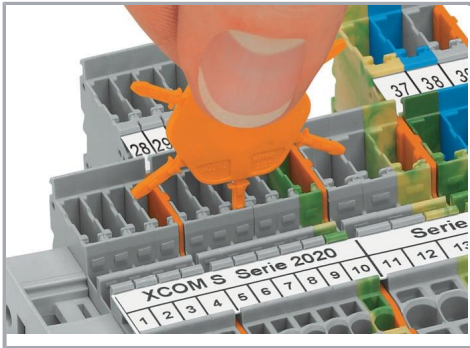
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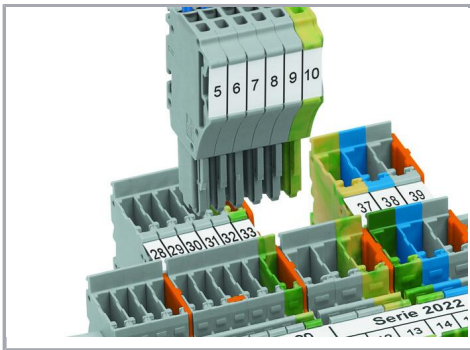
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Insert coding pin into the corresponding slot and twist it off.



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



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

Product family

X-COM S

[Show all products from the family](#)

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