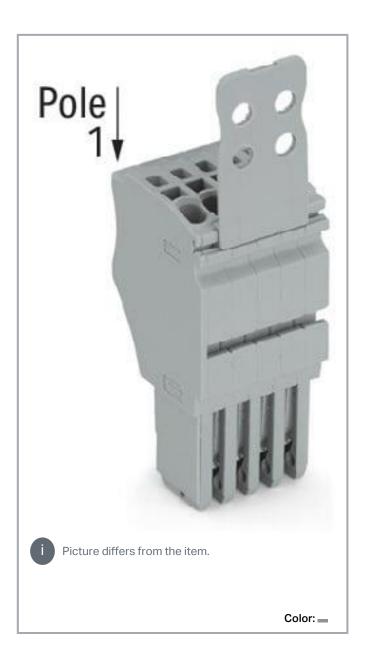
1-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 10-pole; Strain relief plate; 1,50 mm²; gray



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Data Notes

Safety information

According to EN 61984, pluggable connectors without current

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	interrupting capacity must not be mated or unmated when live or under load.
,	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 1059

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	10
Total number of potentials	10

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Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Nominal cross-section	1 mm ²
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	10
Wiring direction	Front-entry wiring

Physical data

Width	35.7 mm / 1.406 inches
Height	69 mm / 2.717 inches
Depth	22.4 mm / 0.882 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
Strain relief	Strain relief plate

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

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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	0.572 MJ
Weight	23.8 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
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821092339
Customs tariff number	85366990990

Environmental Product Compliance

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

Approvals / Certificates

General approvals

			Certificate
Logo	Approval	Additional Approval Text	name
	CCA	EN 60947	NTR NL
	DEKRA Certification B.V.		7617

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ULUL International Germany GmbH

UL 1059

E 45172

Declarations of conformity and manufacturer's declarations

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

Optional accessories

Ferrule

Ferrule		
	Item no.: 216-241	
	Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight	www.wago.com/216-241
	crimped; acc. to DIN 46228, Part 4/09.90; white	
	Item no.: 216-242	
•	Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight	www.wago.com/216-242
	crimped; acc. to DIN 46228, Part 4/09.90; gray	
	Item no.: 216-243	
•	Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped;	www.wago.com/216-243
	acc. to DIN 46228, Part 4/09.90; red	
Protective wa	arning marker	
Cover		
****	Item no.: 2000-115	/0000 445
IIII III II II	Protective warning marker; for 5 terminal blocks; with high-voltage symbol, black; yellow	www.wago.com/2000-11
Tool		
Operating t	ool	
/	Item no.: 210-648	
	Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short	
/	Item no.: 210-647	

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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

Marking accessories

Marking	



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

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

2020-110/135-000 X81 - Datei	2019 Feb 19	xml 4.1 kB	Download
2020-110/135-000	2018 Aug 6	docx	Download
docx - Datei		15.7 kB	

Additional Information

Technical Section pdf Download

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Technical explanations 2.2 MB

CAD/CAE-Data

CAE data

EPLAN Data Portal 2020-110/135-000	URL	Download
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ZUKEN Portal 2020-110/135-000	URL	Download
EPLAN Data Portal 2020-110/135-000	URL	Download
WSCAD Universe 2020-110/135-000	URL	Download
CAD data		
2D/3D Models 2020-110/135-000	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2020-110/135-000

1-conductor female connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm;

10-pole; Strain relief plate; 1,50 mm²; gray

URL Download

Installation Notes

Coding

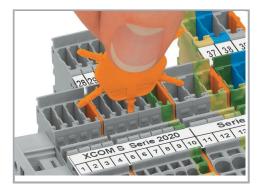
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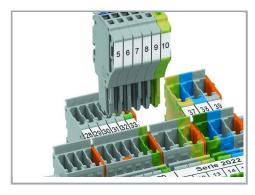




Insert coding pin into the corresponding slot and twist it off.



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-Mini Show all products from the family

 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$

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