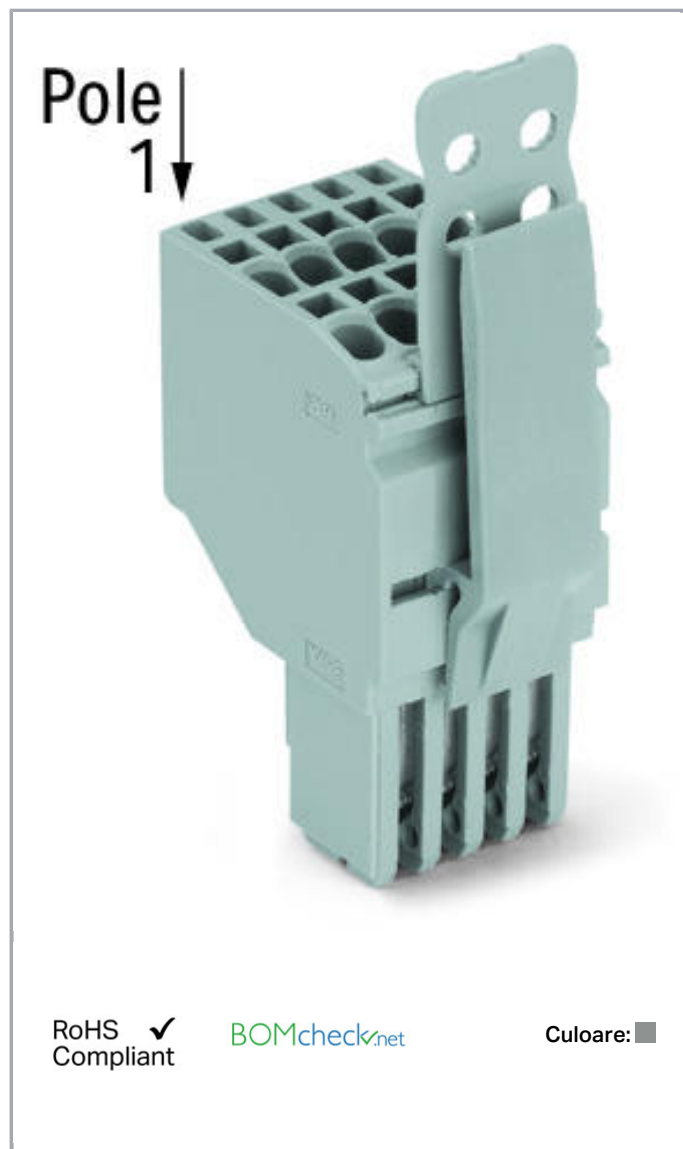


Fișă tehnică | Număr articol: 2020-210/145-000

2-conductor female connector; Strain relief plate; 1.5 mm<sup>2</sup>; 10-pole; 1,50 mm<sup>2</sup>; gray

[www.wago.com/2020-210/145-000](http://www.wago.com/2020-210/145-000)



## Descriere articol

### 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.

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## Date

### Electrical data

#### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 61984
Nominal voltage (III/3)	500 V
Rated surge 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 <sup>2</sup>
Solid conductor	0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG
Solid conductor; push-in termination	0.5 ... 1.5 mm <sup>2</sup> / 20 ... 16 AWG
Fine-stranded conductor	0.14 ... 1.5 mm <sup>2</sup> / 24 ... 16 AWG
Fine-stranded conductor; with insulated ferrule	0.5 ... 0.75 mm <sup>2</sup> / 20 ... 18 AWG
Fine-stranded conductor; with ferrule; push-in termination	0.5 ... 0.75 mm <sup>2</sup> / 20 ... 18 AWG
Strip length	9 ... 11 mm / 0.35 ... 0.43 inch
Pole No.	10
Total number of connection points	20
Total number of potentials	10
Wiring type	Front-entry wiring
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a

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smaller cross section can also be inserted via push-in termination.

## Geometrical Data

Width	35.7 mm / 1.406 inch
Height	69 mm / 2.717 inch
Depth	29.8 mm / 1.173 inch
Module width	3.5 mm / 0.138 inch

## Mechanical data

Marking level	Side marking
---------------	--------------

## Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductors

## Material Data

Color	gray
Insulation material	Polyamide 66 (PA 66)
Fire load	0,537 MJ
Weight	30,2 g

## Commercial data

Product Group	18 (X-COM-System)
Packaging type	BOX
Country of origin	DE
GTIN	4050821222224
Customs tariff number	85366990990

## Aprobări / certificate

### Country specific Approvals


Embleă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 60947	NTR NL 7617
	CSA	C22.2 No. 158	2516073

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DEKRA Certification B.V.







## UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UL UL International Germany GmbH	UL 1059	E45172

## Counterpart

## Produse compatibile















## Marking accessories

	<b>Nr. articol: 2009-113</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; white	<a href="http://www.wago.com/2009-113">www.wago.com/2009-113</a>
	<b>Nr. articol: 2009-113/000-002</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; yellow	<a href="http://www.wago.com/2009-113/000-002">www.wago.com/2009-113/000-002</a>
	<b>Nr. articol: 2009-113/000-005</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; red	<a href="http://www.wago.com/2009-113/000-005">www.wago.com/2009-113/000-005</a>
	<b>Nr. articol: 2009-113/000-006</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; blue	<a href="http://www.wago.com/2009-113/000-006">www.wago.com/2009-113/000-006</a>
	<b>Nr. articol: 2009-113/000-007</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; gray	<a href="http://www.wago.com/2009-113/000-007">www.wago.com/2009-113/000-007</a>
	<b>Nr. articol: 2009-113/000-012</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; orange	<a href="http://www.wago.com/2009-113/000-012">www.wago.com/2009-113/000-012</a>

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	<b>Nr. articol: 2009-113/000-017</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; light green	<a href="http://www.wago.com/2009-113/000-017">www.wago.com/2009-113/000-017</a>
	<b>Nr. articol: 2009-113/000-023</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; green	<a href="http://www.wago.com/2009-113/000-023">www.wago.com/2009-113/000-023</a>
	<b>Nr. articol: 2009-113/000-024</b> WMB-Inline; for Smart Printer; 2300 pieces on roll; plain; snap-on type; violet	<a href="http://www.wago.com/2009-113/000-024">www.wago.com/2009-113/000-024</a>
	<b>Nr. articol: 793-3501</b> WMB marking card; as card; plain; snap-on type; white	<a href="http://www.wago.com/793-3501">www.wago.com/793-3501</a>
<b>ferrule</b>		
	<b>Nr. articol: 216-241</b> Ferrule; Sleeve for 0.5 mm <sup>2</sup> / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white	<a href="http://www.wago.com/216-241">www.wago.com/216-241</a>
	<b>Nr. articol: 216-242</b> Ferrule; Sleeve for 0.75 mm <sup>2</sup> / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray	<a href="http://www.wago.com/216-242">www.wago.com/216-242</a>
	<b>Nr. articol: 216-243</b> Ferrule; Sleeve for 1 mm <sup>2</sup> / AWG 18; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; red	<a href="http://www.wago.com/216-243">www.wago.com/216-243</a>
<b>Locking lever</b>		
	<b>Nr. articol: 2022-151</b> Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more; gray	<a href="http://www.wago.com/2022-151">www.wago.com/2022-151</a>
	<b>Nr. articol: 2022-152</b> Locking lever; can be snapped on 1-conductor female plugs; 2 poles and more; orange	<a href="http://www.wago.com/2022-152">www.wago.com/2022-152</a>
<b>Protective Warning Marker</b>		
	<b>Nr. articol: 2000-115</b> Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow	<a href="http://www.wago.com/2000-115">www.wago.com/2000-115</a>
<b>tools</b>		
	<b>Nr. articol: 210-647</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-647">www.wago.com/210-647</a>
	<b>Nr. articol: 210-648</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft; angled; short	<a href="http://www.wago.com/210-648">www.wago.com/210-648</a>
	<b>Nr. articol: 210-719</b> Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-719">www.wago.com/210-719</a>
<b>Strain relief plate</b>		
	<b>Nr. articol: 734-326</b> Strain relief plate; gray	<a href="http://www.wago.com/734-326">www.wago.com/734-326</a>

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**Descărcări**  
**Documentation**

**Additional Information**

Technical explanations

Apr 3, 2019

pdf  
2,1 MB

Descărcare

**CAD/CAE-Data**

**CAD data**

2D/3D Models 2020-210/145-000

URL

Descărcare

**CAE data**

EPLAN Data Portal 2020-210/145-000

URL

Descărcare

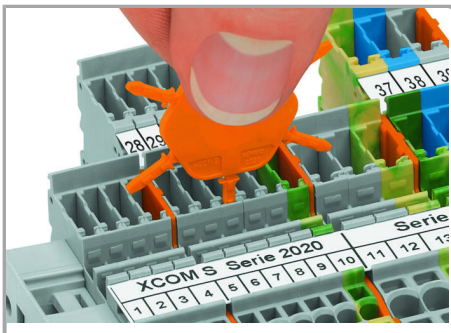
WSCAD Universe 2020-210/145-000

URL

Descărcare

**Installation Notes**

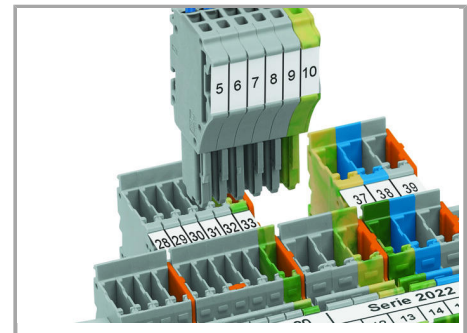
**Coding**



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



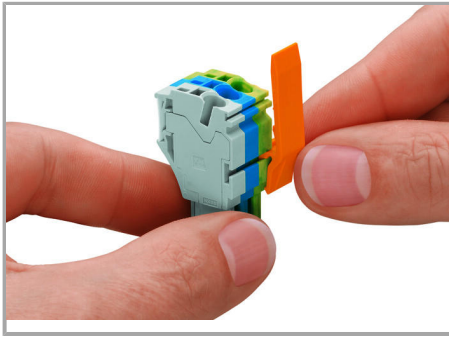
Coding a female plug: remove coding finger using a suitable tool.



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

**Locking lever**

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Slide the locking lever into position.



Female plugs can be individually locked.

## Familie de produse

### X-COM S-Mini

Afișare globală produse din familie.

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