



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color: ■

### Item description

According to EN 61984, pluggable connectors without current interrupting capacity shall not be mated and unmated when live or under load.

### Data

#### Electrical data

## Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	690 V
Rated impulse voltage (III / 3)	6 kV
Rated current	24 A
Rated current (2)	32 A

## Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Open Tool Slot Push-in
Connectable conductor materials	Copper
Nominal cross section	2.5 mm <sup>2</sup>
Solid conductor	0.25 4 mm <sup>2</sup> / 22 12 AWG
Solid conductor, push-in termination	0.75 4 mm <sup>2</sup> / 18 12 AWG
Fine-stranded conductor	0.25 4 mm <sup>2</sup> / 22 12 AWG
Strip length	10 12 mm / 0.39 0.47 inch
Note (conductor cross-section)	Depending on the conductor characteristic, a conductor with a smaller cross section can also be inserted via push-in termination.
Total number of connection points	8
Total number of potentials	8
Type of wiring	Front-entry wiring
No. of poles	8

## Geometrical Data

Width	41.6 mm / 1.638 inch
Height	40.5 mm / 1.594 inch
Depth	22.4 mm / 0.882 inch
Module width	5.2 mm / 0.205 inch

## Mechanical data

Marking level	Side marking
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## Plug connection

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

## Material Data

Color	orange
Insulating material	Polyamide 66 (PA 66)

Fire load	0.431 MJ
Weight	26.31 g

### Commercial data

Product Group	18 (X-COM-System)
Country of origin	DE
GTIN	4045454971090
Customs Tariff No.	85366990990

### Compatible products

#### tools



**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

210-720

#### ferrule



**Item no.: 216-241**

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

216-241

### Downloads

#### Documentation

##### Bid Text

2022-108/000-012		docx 15.5 kB	Download
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##### Additional Information

Technical explanations	Apr 3, 2019	pdf 2.1 MB	Download
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### CAD/CAE - Smart Data

#### CAD data

3D Download 2022-108/000-012		URL	Download
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#### EPLAN

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#### WSCAD

WSCAD Universe			Download
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Product family

**X-COM S**

Show all products from the family

Subject to changes.

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