





## 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
Legend (ratings)	(III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3

### Connection data

Connection technology	Push-in CAGE CLAMP <sup>®</sup>
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
Fine-stranded conductor with ferrule, push-in termination, from	0.75 mm <sup>2</sup> / 18 AWG
Strip length	10 ... 12 mm / 0.39 ... 0.47 Inch
No. of poles	2
Total number of connection points	2
Total number of potentials	2
Type of wiring	Front-entry wiring

### Geometrical Data

Width	10.4 mm / 0.409 inch
Height	40.5 mm / 1.594 inch
Depth	22.4 mm / 0.882 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

Insulating material

Polyamide 66 (PA 66)

Fire load




0.113 MJ

Weight




6.6 g

## Approvals / Certificates


### Country specific Approvals

Logo	Approval	Certificate name
	CCA DEKRA Certification B.V.	NTR NL 7628
	CSA DEKRA Certification B.V.	70107915
	KEMA/KEUR DEKRA Certification B.V.	71-101560

### Ship Approvals

Logo	Approval	Certificate name
	ABS American Bureau of Shipping	14-HG1293677-PDA
	BV Bureau Veritas S.A.	38586/A0 BV
	LR Lloyds Register	91/20112 (E9)

#### UL-Approvals

Logo	Approval	Certificate name
	<b>UR</b> Underwriters Laboratories Inc.	E45172

#### Product family

**X-COM S**

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Subject to changes.