

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) $\hat{=}$ Overvoltage category III / Pollution degree 3 |

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 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 ferrule, push-in termination, from | 0.75 mm ² / 18 AWG |
| Strip length | 10 ... 12 mm / 0.39 ... 0.47 Inch |
| No. of poles | 3 |
| Total number of connection points | 3 |
| Total number of potentials | 3 |
| Type of wiring | Front-entry wiring |

Geometrical Data

| | |
|--------|----------------------|
| Width | 15.6 mm / 0.614 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 | 0.166 MJ |



Weight 9.785 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 |
|--|---|------------------|
|  | UR Underwriters Laboratories Inc. | E45172 |



Product family

X-COM S

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Subject to changes.