

Item description

- Plugs with CAGE CLAMP® for the universal connection of all conductor types

Data

Electrical data

Ratings per IEC/EN 60664-1

| | |
|---------------------------------|--------|
| Rated voltage (III / 3) | 500 V |
| Rated impulse voltage (III / 3) | 6 kV |
| Rated voltage (III / 2) | 630 V |
| Rated impulse voltage (III / 2) | 6 kV |
| Rated voltage (II / 2) | 1000 V |
| Rated impulse voltage (II / 2) | 6 kV |
| Rated current | 10 A |

Approvals per UL 1059

| | |
|--------------------------------|-------|
| Rated voltage UL (Use Group C) | 600 V |
| Rated current UL (Use Group C) | 10 A |

Approvals per CSA

| | |
|---------------------------------|-------|
| Rated voltage CSA (Use Group C) | 600 V |
| Rated current CSA (Use Group C) | 10 A |

Connection data

| | |
|---|--|
| Connection technology | CAGE CLAMP® |
| Actuation type | Operating tool |
| Solid conductor | 0.08 ... 2.5 mm ² / 28 ... 14 AWG |
| Fine-stranded conductor | 0.08 ... 2.5 mm ² / 28 ... 14 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0.25 ... 1.5 mm ² |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 ... 2.5 mm ² |
| Strip length | 8 ... 9 mm / 0.31 ... 0.35 inch |
| No. of poles | 3 |
| Total number of potentials | 3 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|--------|----------------------|
| Width | 30 mm / 1.181 inch |
| Height | 35.5 mm / 1.398 inch |
| Depth | 22.5 mm / 0.886 inch |

Plug connection

| | |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector connection type | for conductors |

Material Data

| | |
|-----------------------------|--|
| Color | orange |
| Material group | I |
| Insulating material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | tin-plated |
| Fire load | 0.214 MJ |
| Weight | 9.759 g |

Environmental Requirements



| | |
|-------------------------|----------------|
| Limit temperature range | -60 ... +85 °C |
|-------------------------|----------------|

Commercial data


| | |
|--------------------|-------------------------------|
| Product Group | 13 (Misc. Multi Conn. System) |
| Country of origin | DE |
| GTIN | 4044918508988 |
| Customs Tariff No. | 85366990990 |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|------------------|
| | CCA DEKRA Certification B.V. | EN 60998 | 2174149.01 A |
|  | CSA DEKRA Certification B.V. | C22.2 No. 158 | LR 18677- 43 |
|  | CSA DEKRA Certification B.V. | | LR 18677- 43 |

UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|-------------------------------------|--------------------------|------------------|
|  | UL UL International Germany GmbH | UL 1059 | E45172 |

Compatible products

check

| | | |
|--|---|---------|
|  | Item no.: 210-136 Test plug; 2 mm Ø; with 500 mm cable | 210-136 |
|  | Item no.: 210-137 Test plug; 2.3 mm Ø; with 500 mm cable | 210-137 |

tools



Item no.: 210-719

210-719

Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm

Downloads

CAD/CAE - Smart Data

CAD data

3D Download 730-113

URL

Download

Subject to changes.
