

Part number

CDSF 27



Female insert, CDS series, spring terminal connection, 27 poles + PE, 10 A 400 V 6 kV 3, size "77.27"

Product description

| | |
|------------------------|----------------------------|
| Product type | Insert |
| Series | CDS |
| Connection type | Spring terminal connection |
| Gender | Female |
| N. of poles | 27 poles + |
| Size | Size "77.27" |

Technical data

| | |
|--|---|
| Current | 10 A |
| Voltage | 400 V |
| Rated impulse withstand voltage | 6 kV |
| Pollution degree | 3 |
| Rated voltage according to UL/CSA | 600 V |
| Wire cross-section | 0,14 mm ² - 2,50 mm ² |
| AWG size | 26 - 14 |
| Contact type | Turned silver plated |
| IP degree of protection | IP20 without enclosure, IP65/IP66/IP68/IP69 with enclosure |

Further technical details

| | |
|---|------------------------------------|
| Characteristics according to EN 61984 | 10A 400V 6kV 3; 10A 400/690V 6kV 2 |
| Mating cycles | ≥ 500 |
| Insulation resistance | ≥ 10 GΩ |
| Contact resistance | ≤ 3 mΩ |
| Weight | 95,00 g |
| Operating temperature range (min, max) | -40 °C ... +125 °C |
| Conductors stripping length | 9...11 mm |
| UL 94 flammability rating | V-0 |

Material properties

| | |
|------------------------------|--|
| Main material | Polycarbonate (PC) |
| Colour | RAL 7032 grey |
| RoHs conformity | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| China RoHs - EFUP | 50 |
| REACH SVHC substances | Yes Lead |

Approvals / Standards

| | |
|---------------------------|---------------------------|
| Reference standard | EN 61984:2009-06 |
| Certifications | CSA, CQC, DNV-GL, BV, EAC |
| UL | ECBT2 |
| cUL | ECBT8 |

General ordering information

| | |
|-------------------|---------------|
| EAN13 code | 8015747148542 |
| ETIM 7.0 | EC000438 |

Packaging Information

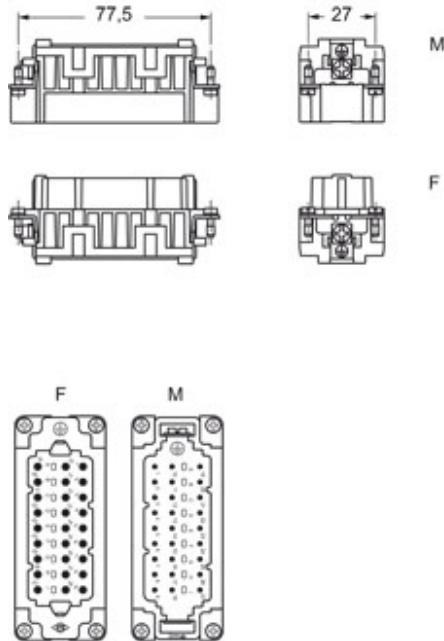
| | |
|----------------------------------|----------------------|
| Packaging length | 230,00 mm |
| Packaging height | 110,00 mm |
| Packaging width | 180,00 mm |
| Packaging weight | 3,27 kg |
| Packaging volume | 4,55 dm ³ |
| Packaging description | Carton box |
| Packaging quantity | 30 Pcs |
| Packaging EAN code | 8015747150361 |
| Sub-packaging length | 87,00 mm |
| Sub-packaging height | 36,00 mm |
| Sub-packaging width | 180,00 mm |
| Sub-packaging weight | 0,55 kg |
| Sub-packaging volume | 0,56 dm ³ |
| Sub-packaging description | Carton tray |
| Sub-packaging quantity | 5 Pcs |
| Sub-packaging EAN barcode | 8015747150378 |

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Catalogue drawings



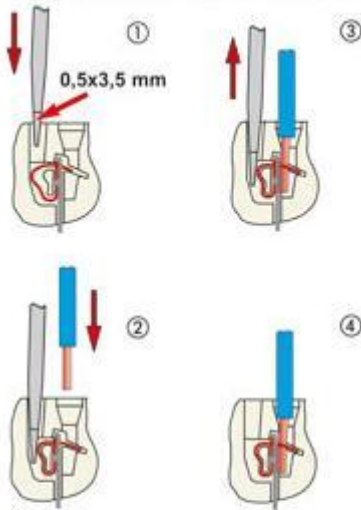
Notes

CDSF/M 27 inserts

- characteristics according to EN 61984:
10A 400V 6kV 3
- insulation resistance: > 10 GOhm
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: > 500 cycles
- contact resistance: < 1 mOhm
- inserts for conductors section:
0.14 - 2.5 mm² - AWG 26 - 14
- for wires with crimped ferrule, usable section:
up to 1.5 mm² (AWG 16)
- conductors stripping length: 9...11 mm
- enclosures: size 77.27:
C-TYPE IP65/IP66
C7 IP67 stainless steel lever
V-TYPE IP65/IP66 stainless steel lever
T-TYPE IP65 insulating
JEI zinc-plated steel lever
BIG hoods
W-TYPE for aggressive environment
EMC
central lever
IP68
LS-TYPE
- panel supports: COB

Dimensions shown in mm are not binding and may be changed without notice.

Connection with spring terminal



CR CDS coding pin

California Proposition 65 Information



WARNING

This product can expose you to lead and its compounds, known to the State of California to cause cancer and/or reproductive toxicity. For more information go to www.P65Warnings.ca.gov.