

Part number

# CDSF 27 N



Female insert, CDS series, spring terminal connection, 27 poles + PE (28-54), 10 A 400 V 6 kV 3, size "77.62"

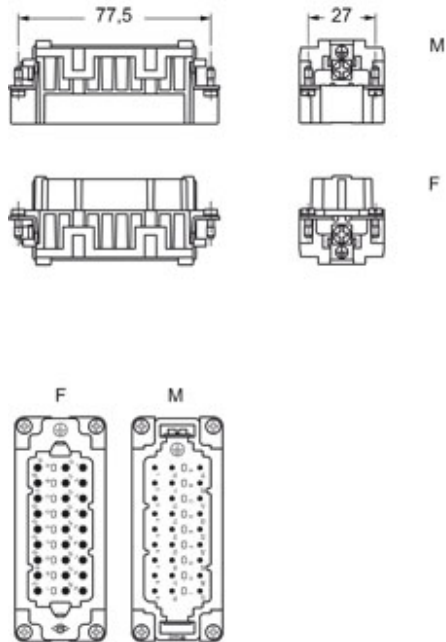
| Product description                    |                                                                                              | Material properties          |                                                                                |
|----------------------------------------|----------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------|
| Product type                           | Insert                                                                                       | Main material                | Polycarbonate (PC)                                                             |
| Series                                 | CDS                                                                                          | Colour                       | RAL 7032 grey                                                                  |
| Connection type                        | Spring terminal connection                                                                   | RoHs conformity              | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| Gender                                 | Female                                                                                       |                              |                                                                                |
| N. of poles                            | 54 poles +  | China RoHs - EFUP            | 50                                                                             |
| Size                                   | Size "77.62"                                                                                 | REACH SVHC substances        | Yes<br>Lead                                                                    |
| Technical data                         |                                                                                              | SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Current                                | 10 A                                                                                         | Approvals / Standards        |                                                                                |
| Voltage                                | 400 V                                                                                        | Reference standard           | EN 61984:2009-06                                                               |
| Rated impulse withstand voltage        | 6 kV                                                                                         | Certifications               | CSA, CQC, DNV, BV, EAC                                                         |
| Pollution degree                       | 3                                                                                            | UL                           | ECBT2                                                                          |
| Rated voltage according to UL/CSA      | 600 V                                                                                        | cUL                          | ECBT8                                                                          |
| Wire cross-section                     | 0,14 mm <sup>2</sup> - 2,50 mm <sup>2</sup>                                                  | General ordering information |                                                                                |
| AWG size                               | 26 - 14                                                                                      | EAN13 code                   | 8015747195478                                                                  |
| Contact type                           | Turned silver plated                                                                         | ETIM 7.0                     | EC000438                                                                       |
| Pole numbering system                  | 28-54                                                                                        | Packaging Information        |                                                                                |
| IP degree of protection                | IP20 without enclosure, IP65/IP66 with enclosure                                             | Packaging length             | 230,00 mm                                                                      |
| Further technical details              |                                                                                              | Packaging height             | 110,00 mm                                                                      |
| Characteristics according to EN 61984  | 10A 400V 6kV 3; 10A 400/690V 6kV 2                                                           | Packaging width              | 180,00 mm                                                                      |
| Mating cycles                          | ≥ 500                                                                                        | Packaging weight             | 3,14 kg                                                                        |
| Insulation resistance                  | ≥ 10 GΩ                                                                                      | Packaging volume             | 4,55 dm <sup>3</sup>                                                           |
| Contact resistance                     | ≤ 3 mΩ                                                                                       | Packaging description        | Carton box                                                                     |
| Weight                                 | 95,40 g                                                                                      | Packaging quantity           | 30 Pcs                                                                         |
| Operating temperature range (min, max) | -40 °C ... +125 °C                                                                           | Packaging EAN code           | 8015747195485                                                                  |
| Conductors stripping length            | 9...11 mm                                                                                    | Sub-packaging length         | 87,00 mm                                                                       |
| UL 94 flammability rating              | V-0                                                                                          | Sub-packaging height         | 36,00 mm                                                                       |
|                                        |                                                                                              | Sub-packaging width          | 180,00 mm                                                                      |
|                                        |                                                                                              | Sub-packaging weight         | 0,52 kg                                                                        |
|                                        |                                                                                              | Sub-packaging volume         | 0,56 dm <sup>3</sup>                                                           |
|                                        |                                                                                              | Sub-packaging description    | Carton tray                                                                    |
|                                        |                                                                                              | Sub-packaging quantity       | 5 Pcs                                                                          |
|                                        |                                                                                              | Sub-packaging EAN barcode    | 8015747195492                                                                  |

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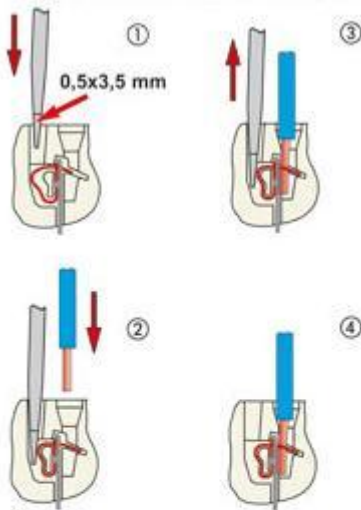
# CDSF 27 N



## Catalogue drawings



## Notes



### 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](http://www.P65Warnings.ca.gov).

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