

Part number

# CDAM 10 X



Male insert, CDA series, screw terminal connection, 10 poles + PE, 16 A 250 V 4 kV 3, size "49.16", without plate

| Product description                           |                                                  |
|-----------------------------------------------|--------------------------------------------------|
| <b>Product type</b>                           | Insert                                           |
| <b>Series</b>                                 | CDA                                              |
| <b>Connection type</b>                        | Screw terminal connection                        |
| <b>Gender</b>                                 | Male                                             |
| <b>N. of poles</b>                            | 10 poles + $\oplus$                              |
| <b>Size</b>                                   | Size 49.16                                       |
| <b>Specification</b>                          | Without plate, for prepared conductors           |
| Technical data                                |                                                  |
| <b>Current</b>                                | 16 A                                             |
| <b>Voltage</b>                                | 250 V                                            |
| <b>Rated impulse withstand voltage</b>        | 4 kV                                             |
| <b>Pollution degree</b>                       | 3                                                |
| <b>Rated voltage according to UL/CSA</b>      | 600 V                                            |
| <b>Wire cross-section</b>                     | 0,25 mm <sup>2</sup> - 2,50 mm <sup>2</sup>      |
| <b>AWG size</b>                               | 24 - 14                                          |
| <b>Contact type</b>                           | Turned silver plated                             |
| <b>IP degree of protection</b>                | IP20 without enclosure, IP65/IP66 with enclosure |
| Further technical details                     |                                                  |
| <b>Characteristics according to EN 61984</b>  | 16A 250V 4kV 3; 16A 230/400V 4kV 2               |
| <b>Mating cycles</b>                          | ≥ 500                                            |
| <b>Insulation resistance</b>                  | ≥ 10 GΩ                                          |
| <b>Contact resistance</b>                     | ≤ 1 mΩ                                           |
| <b>Weight</b>                                 | 45,00 g                                          |
| <b>Operating temperature range (min, max)</b> | -40 °C ... +125 °C                               |
| <b>UL 94 flammability rating</b>              | V-0                                              |
| <b>Torque for main contact</b>                | M3: 0,5 Nm; 4,4 lb.in (Ph0 or 0,6 x 3,5 mm)      |
| <b>Tightening torque for PE connection</b>    | M3,5: 0,8 Nm; 7,1 lb.in (Ph1 or 0,8 x 5,5 mm)    |

| Material properties              |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| <b>Main material</b>             | Polycarbonate (PC)                                                             |
| <b>Other materials</b>           | Contacts: copper alloy                                                         |
| <b>Colour</b>                    | RAL 7032 grey                                                                  |
| <b>RoHs conformity</b>           | Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight |
| <b>China RoHs - EFUP</b>         | 50                                                                             |
| <b>REACH SVHC substances</b>     | Yes<br>Lead                                                                    |
| <b>SCIP number</b>               | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Approvals / Standards            |                                                                                |
| <b>Reference standard</b>        | EN 61984:2009-06                                                               |
| <b>Certifications</b>            | CSA, CQC, DNV, BV, EAC                                                         |
| <b>UL</b>                        | ECBT2                                                                          |
| <b>cUL</b>                       | ECBT8                                                                          |
| General ordering information     |                                                                                |
| <b>EAN13 code</b>                | 8015747013239                                                                  |
| <b>eCl@ss 8.1</b>                | 27440205                                                                       |
| <b>ETIM 7.0</b>                  | EC000438                                                                       |
| Packaging Information            |                                                                                |
| <b>Packaging weight</b>          | 1,54 kg                                                                        |
| <b>Packaging volume</b>          | 3,29 dm <sup>3</sup>                                                           |
| <b>Packaging description</b>     | Carton box                                                                     |
| <b>Packaging quantity</b>        | 30 Pcs                                                                         |
| <b>Packaging EAN code</b>        | 8015747013246                                                                  |
| <b>Sub-packaging length</b>      | 118,00 mm                                                                      |
| <b>Sub-packaging height</b>      | 32,00 mm                                                                       |
| <b>Sub-packaging width</b>       | 60,00 mm                                                                       |
| <b>Sub-packaging weight</b>      | 0,26 kg                                                                        |
| <b>Sub-packaging volume</b>      | 0,23 dm <sup>3</sup>                                                           |
| <b>Sub-packaging description</b> | Carton tray                                                                    |
| <b>Sub-packaging quantity</b>    | 5 Pcs                                                                          |
| <b>Sub-packaging EAN barcode</b> | 8015747013253                                                                  |

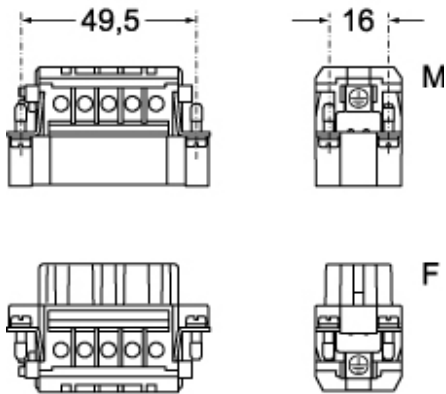
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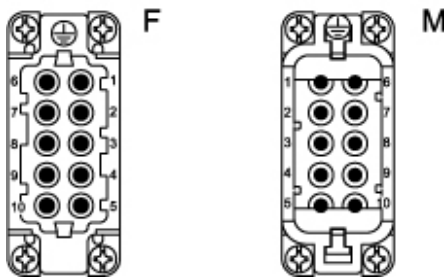


Catalogue drawings

## CDAM 10



## CDAF 10



Catalogue drawings

diagram CDA and CDC 10 poles

