

# Part number

# CDAM 10



Male insert, CDA series, screw terminal connection, 10 poles + PE, 16 A 250 V 4 kV 3, size "49.16", with plate

| Product description                    |                                                  |
|----------------------------------------|--------------------------------------------------|
| Product type                           | Insert                                           |
| Series                                 | CDA                                              |
| Connection type                        | Screw terminal connection                        |
| Gender                                 | Male                                             |
| N. of poles                            | 10 poles +                                       |
| Size                                   | Size "49.16"                                     |
| Specification                          | With plate, also for non-prepared conductors     |
| Technical data                         |                                                  |
| Current                                | 16 A                                             |
| Voltage                                | 250 V                                            |
| Rated impulse withstand voltage        | 4 kV                                             |
| Pollution degree                       | 3                                                |
| Rated voltage according to UL/CSA      | 600 V                                            |
| Wire cross-section                     | 0,75 mm <sup>2</sup> - 4,00 mm <sup>2</sup>      |
| AWG size                               | 18 - 12                                          |
| Contact type                           | Turned silver plated                             |
| IP degree of protection                | IP20 without enclosure, IP65/IP66 with enclosure |
| Further technical details              |                                                  |
| Characteristics according to EN 61984  | 16A 250V 4kV 3; 16A 230/400V 4kV 2               |
| Mating cycles                          | ≥ 500                                            |
| Insulation resistance                  | ≥ 10 GΩ                                          |
| Contact resistance                     | ≤ 1 mΩ                                           |
| Weight                                 | 46,00 g                                          |
| Operating temperature range (min, max) | -40 °C ... +125 °C                               |
| UL 94 flammability rating              | V-0                                              |
| Torque for main contact                | M3: 0,5 Nm; 4,4 lb.in (Ph0 or 0,6 x 3,5 mm)      |
| Tightening torque for PE connection    | M3,5: 0,8 Nm; 7,1 lb.in (Ph1 or 0,8 x 5,5 mm)    |

| Material properties          |                                                                                |
|------------------------------|--------------------------------------------------------------------------------|
| Main material                | Polycarbonate (PC)                                                             |
| Other materials              | Contacts: copper alloy                                                         |
| 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<br>Lead                                                                    |
| SCIP number                  | 1a9c93ff-0445-4a16-81e3-1609ac5274d6                                           |
| Approvals / Standards        |                                                                                |
| Reference standard           | EN 61984:2009-06                                                               |
| Certifications               | CSA, CQC, DNV, BV, EAC                                                         |
| UL                           | ECBT2                                                                          |
| cUL                          | ECBT8                                                                          |
| General ordering information |                                                                                |
| EAN13 code                   | 8015747013178                                                                  |
| eCl@ss 8.1                   | 27440205                                                                       |
| ETIM 7.0                     | EC000438                                                                       |
| Packaging Information        |                                                                                |
| Packaging weight             | 1,57 kg                                                                        |
| Packaging volume             | 3,29 dm <sup>3</sup>                                                           |
| Packaging description        | Carton box                                                                     |
| Packaging quantity           | 30 Pcs                                                                         |
| Packaging EAN code           | 8015747013185                                                                  |
| Sub-packaging length         | 118,00 mm                                                                      |
| Sub-packaging height         | 32,00 mm                                                                       |
| Sub-packaging width          | 60,00 mm                                                                       |
| Sub-packaging weight         | 0,26 kg                                                                        |
| Sub-packaging volume         | 0,23 dm <sup>3</sup>                                                           |
| Sub-packaging description    | Carton tray                                                                    |
| Sub-packaging quantity       | 5 Pcs                                                                          |
| Sub-packaging EAN barcode    | 8015747013192                                                                  |

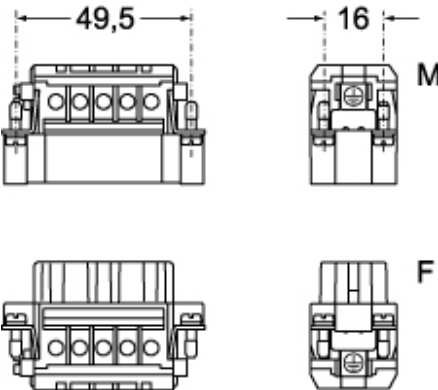
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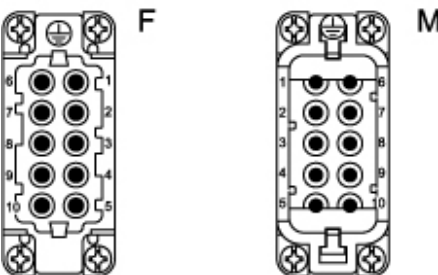


Catalogue drawings

**CDAM 10**

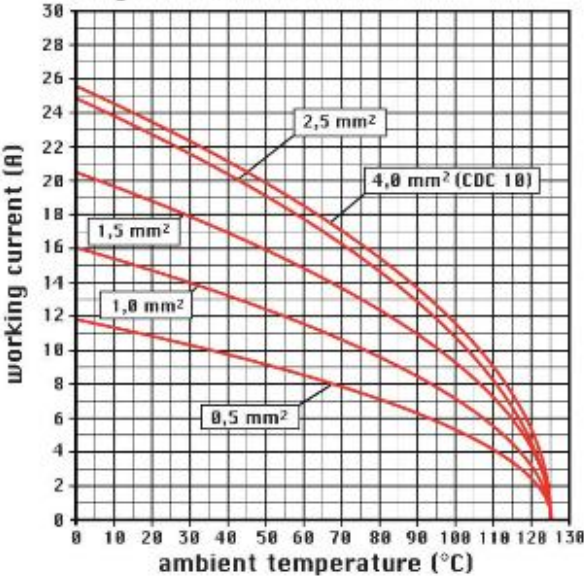


**CDAF 10**



Catalogue drawings

diagram CDA and CDC 10 poles



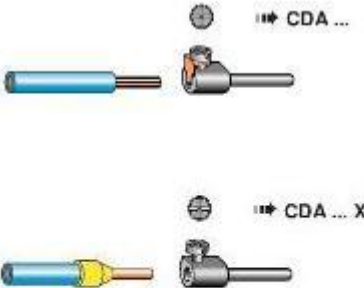
## Notes

### 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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