

Part number

CDAF 16 N



Female insert, CDA series, screw terminal connection, 16 poles + PE (17-32), 16 A 250 V 4 kV 3, size "66.40", with plate

Product description

Product type	Insert
Series	CDA
Connection type	Screw terminal connection
Gender	Female
N. of poles	32 poles + 
Size	Size "66.40"
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 ² - 4,00 mm ²
AWG size	18 - 12
Contact type	Turned silver plated
Pole numbering system	17-32
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	62,00 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 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	8015747013086
eCl@ss 8.1	27440205
ETIM 7.0	EC000438

Packaging Information

Packaging length	260,00 mm
Packaging height	120,00 mm
Packaging width	140,00 mm
Packaging weight	2,06 kg
Packaging volume	4,37 dm ³
Packaging description	Carton box
Packaging quantity	30 Pcs
Packaging EAN code	8015747013093
Sub-packaging length	118,00 mm
Sub-packaging height	32,00 mm
Sub-packaging width	76,00 mm
Sub-packaging weight	0,34 kg
Sub-packaging volume	0,29 dm ³
Sub-packaging description	Carton tray
Sub-packaging quantity	5 Pcs
Sub-packaging EAN barcode	8015747013109

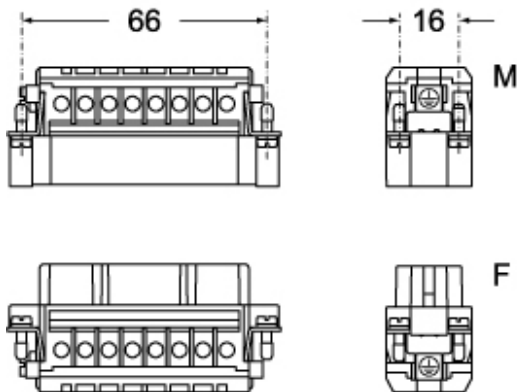
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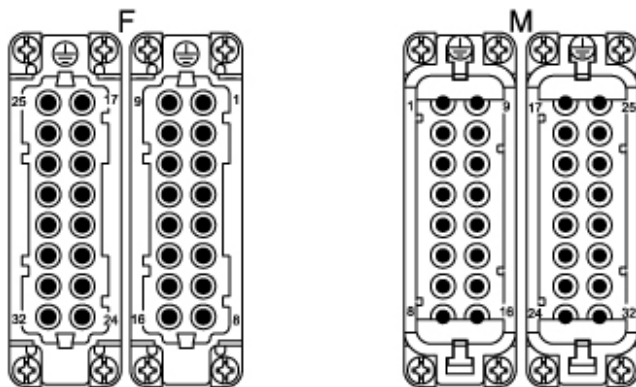


Catalogue drawings

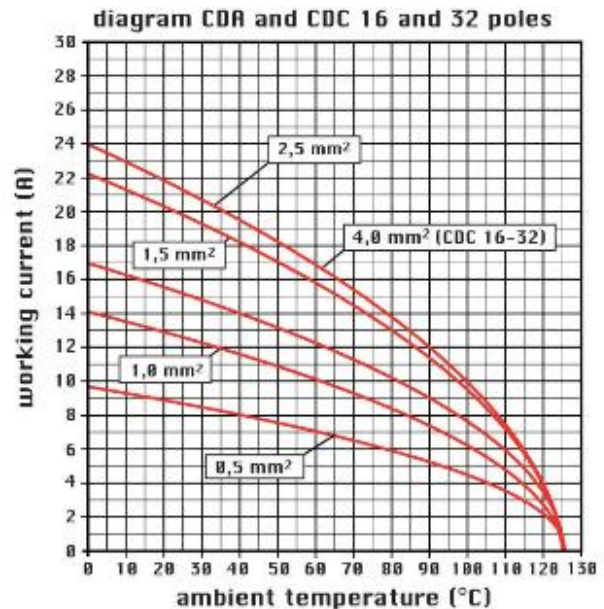
CDAM 16



CDAF 16



Catalogue drawings



Notes

CDAF/M 16 N/XN inserts:

- characteristics according to EN 61984:
(16A 250V 4kV 3)
(16A 230/400V 4kV 2)
- rated voltage according to UL/CSA: 600V
- insulation resistance: > 10 GOhm
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: > 500 cycles
- contact resistance: < 1 mOhm

- Enclosures: size "66.40"

C-TYPE IP65/IP66

W-TYPE aggressive environments

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

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.

CDA ... : for non-prepared conductors



CDA ... X : for conductors with bush terminal

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