

Part number  
**CDM 07**



Male insert, CD series, crimp connection, 7 poles + PE, 10 A 250 V 4 kV 3, size "21.21"

Product description	
<b>Product type</b>	Insert
<b>Series</b>	CD
<b>Connection type</b>	Crimp connection
<b>Gender</b>	Male
<b>N. of poles</b>	7 poles +
<b>Size</b>	Size "21.21"
<b>Specification</b>	Standard & HNM (High Number of Matings)

Technical data	
<b>Current</b>	10 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>IP degree of protection</b>	IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure

Further technical details	
<b>Characteristics according to EN 61984</b>	10A 250V 4kV 3; 10A 230/400V 4kV 2
<b>Mating cycles</b>	≥ 500
<b>Insulation resistance</b>	≥ 10 GΩ
<b>Contact resistance</b>	≤ 3 mΩ
<b>Weight</b>	8,00 g
<b>Operating temperature range (min, max)</b>	-40 °C ... +125 °C
<b>Conductors stripping length</b>	8 mm (6 mm for 2,5 mm <sup>2</sup> )
<b>UL 94 flammability rating</b>	V-0
<b>Tightening torque for PE connection</b>	M4: 1,2 Nm, 10,6 lb.in (Ph2 or 1,0x5,5mm )
<b>Tightening torque for fixing screws</b>	M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)

Material properties	
<b>Main material</b>	Polycarbonate (PC)
<b>Other materials</b>	Gasket: NBR
<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 Lead
<b>SCIP number</b>	5a97d67d-dd49-45fe-94c0-411f951ef5ee

Approvals / Standards	
<b>Reference standard</b>	EN 61984:2009-06
<b>Certifications</b>	CSAc, CQC, DNV, BV, EAC
<b>UL</b>	ECBT2
<b>cUL</b>	ECBT8

General ordering information	
<b>EAN13 code</b>	8015747014991
<b>eCl@ss 8.1</b>	27440205
<b>ETIM 7.0</b>	EC000438

Packaging Information	
<b>Packaging length</b>	210,00 mm
<b>Packaging height</b>	200,00 mm
<b>Packaging width</b>	130,00 mm
<b>Packaging weight</b>	1,87 kg
<b>Packaging volume</b>	5,46 dm <sup>3</sup>
<b>Packaging description</b>	Carton box
<b>Packaging quantity</b>	200 Pcs
<b>Packaging EAN code</b>	8015747103183
<b>Sub-packaging length</b>	197,00 mm
<b>Sub-packaging height</b>	35,00 mm
<b>Sub-packaging width</b>	113,00 mm
<b>Sub-packaging weight</b>	0,37 kg
<b>Sub-packaging volume</b>	0,78 dm <sup>3</sup>
<b>Sub-packaging description</b>	Carton tray
<b>Sub-packaging quantity</b>	40 Pcs
<b>Sub-packaging EAN barcode</b>	8015747103190

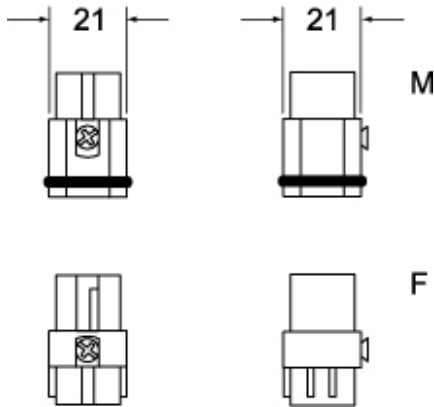
Part number

# CDM 07



## Catalogue drawings

### CDM 07 (N)

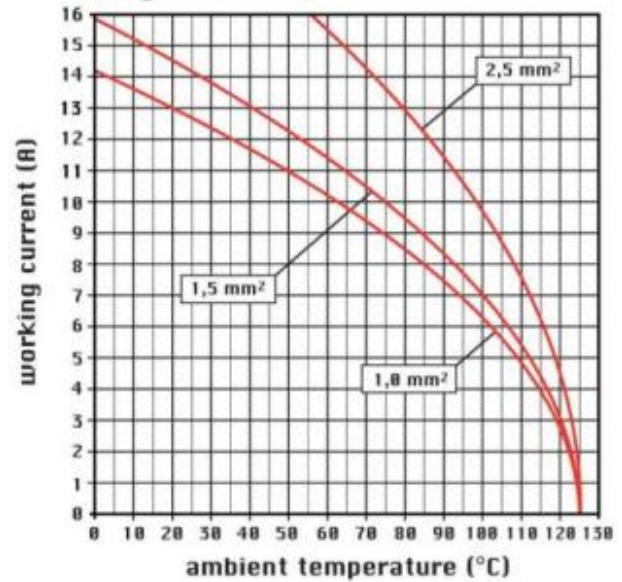


### CDF 07 (N)



## Catalogue drawings

diagram CD 07 and 08 poles



## Notes

### STANDARD & HNM (High Number of Matings) MODULES

#### Standard:

-when in combination with standard contacts and standard frames (CX ... TF/TM), must be mounted either in traditional enclosures or in COB panel supports (both up to 500 matings).

#### HNM (High Number of Matings):

-when in combination with HNM contacts and HNM frames (RX ... TF/RM), must be mounted either in HNM enclosures (up to 10.000 matings) or in traditional enclosures with one lever (up to 5.000 matings).

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