

Part number

CDM 08



Male insert, CD series, crimp connection, 8 poles, 10 A 50 V 0,8 kV 3, size "21.21"

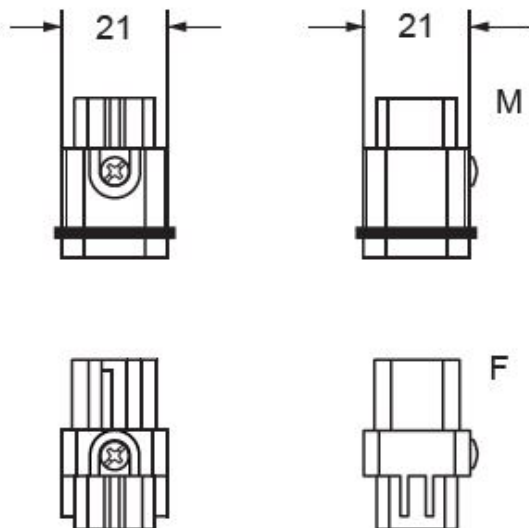
Product description		Material properties	
Product type	Insert	Main material	Polycarbonate (PC)
Series	CD	Other materials	Gasket: NBR
Connection type	Crimp connection	Colour	RAL 7032 grey
Gender	Male	RoHS conformity	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
N. of poles	8 poles	China RoHS - EFUP	50
Size	Size "21.21"	REACH SVHC substances	Yes Lead
Specification	Standard & HNM (High Number of Matings)	SCIP number	5a97d67d-dd49-45fe-94c0-411f951ef5ee
Technical data		Approvals / Standards	
Current	10 A	Reference standard	EN 61984:2009-06
Voltage	50 V	Certifications	CSAc, CQC, DNV, BV, EAC
Rated impulse withstand voltage	0,8 kV	UL	ECBT2
Pollution degree	3	cUL	ECBT8
Rated voltage according to UL/CSA	50 V AC/120 V DC	General ordering information	
IP degree of protection	IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure	EAN13 code	8015747015059
Further technical details		eCl@ss 8.1	27440205
Characteristics according to EN 61984	10A 50V ac / 120 dc 0,8kV 3	ETIM 7.0	EC000438
Mating cycles	≥ 500	Packaging Information	
Insulation resistance	≥ 10 GΩ	Packaging length	210,00 mm
Contact resistance	≤ 3 mΩ	Packaging height	200,00 mm
Weight	8,00 g	Packaging width	130,00 mm
Operating temperature range (min, max)	-40 °C ... +125 °C	Packaging weight	1,85 kg
Conductors stripping length	8 mm (6 mm for 2,5 mm ²)	Packaging volume	5,46 dm ³
UL 94 flammability rating	V-0	Packaging description	Carton box
Tightening torque for fixing screws	M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)	Packaging quantity	200 Pcs
		Packaging EAN code	8015747103206
		Sub-packaging length	197,00 mm
		Sub-packaging height	35,00 mm
		Sub-packaging width	113,00 mm
		Sub-packaging weight	0,37 kg
		Sub-packaging volume	0,78 dm ³
		Sub-packaging description	Carton tray
		Sub-packaging quantity	40 Pcs
		Sub-packaging EAN barcode	8015747103213

Part number

CDM 08



Catalogue drawings

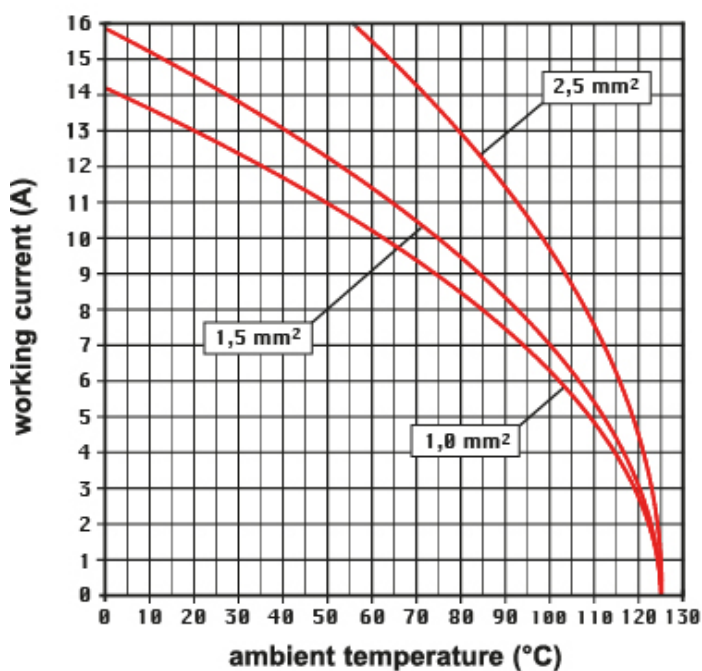


contacts side (front view)



Derating curves

CD 08 poles connector inserts
Maximum current load derating diagram



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.