

Part number
CQF 21



Female insert, CQ series, crimp connection, 21 poles, 6,5 A 50 V 0,8 kV 3, size "21.21"

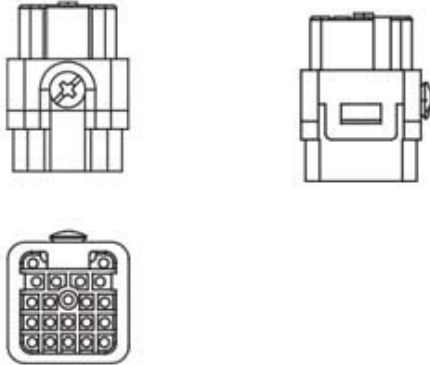
Product description	
Product type	Insert
Series	CQ
Connection type	Crimp connection
Gender	Female
N. of poles	21 poles
Size	Size "21.21"
Specification	Standard & HNM (High Number of Matings)
Technical data	
Current	5 A
Voltage	50 V
Rated impulse withstand voltage	0,8 kV
Pollution degree	3
Rated voltage according to UL/CSA	50 V AC/120 V DC
IP degree of protection	IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure
Further technical details	
Characteristics according to EN 61984	6,5A 50V AC / 120V DC 0,8kV 3
Mating cycles	≥ 500
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 4 mΩ
Weight	8,00 g
Operating temperature range (min, max)	-40 °C ... +125 °C
UL 94 flammability rating	V-0
Tightening torque for fixing screws	M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)

Material properties	
Main material	Polycarbonate (PC)
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	5a97d67d-dd49-45fe-94c0-411f951ef5ee
Approvals / Standards	
Certifications	DNV, BV
UL	ECBT2
cUL	ECBT8
General ordering information	
EAN13 code	8015747235471
eCl@ss 8.1	27440205
ETIM 7.0	EC000438
Packaging Information	
Packaging length	210,00 mm
Packaging height	200,00 mm
Packaging width	130,00 mm
Packaging weight	1,90 kg
Packaging volume	5,46 dm ³
Packaging description	Carton box
Packaging quantity	200 Pcs
Packaging EAN code	8015747235495
Sub-packaging length	197,00 mm
Sub-packaging height	35,00 mm
Sub-packaging width	113,00 mm
Sub-packaging weight	0,38 kg
Sub-packaging volume	0,78 dm ³
Sub-packaging description	Carton tray
Sub-packaging quantity	40 Pcs
Sub-packaging EAN barcode	8015747235501

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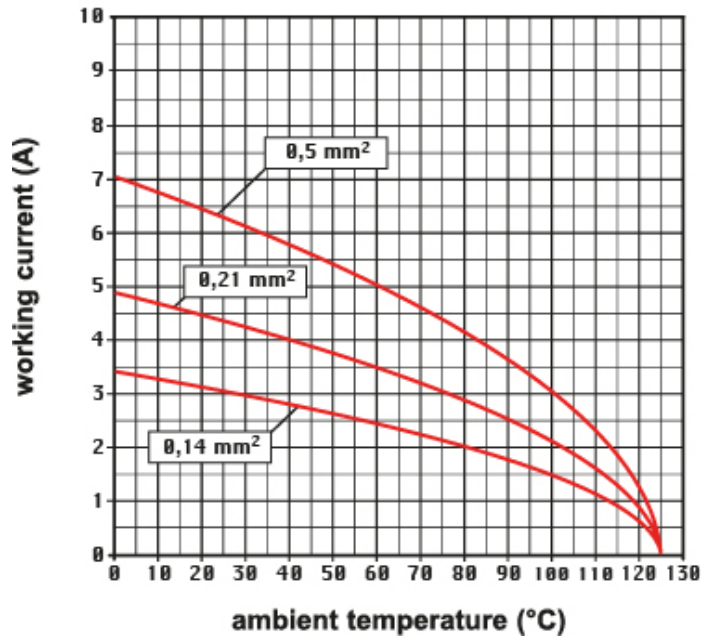


Catalogue drawings



Derating curves

CQ 21 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.