

Part number

# CQM 21



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

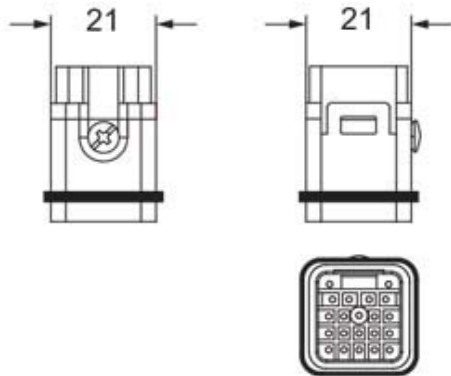
Product description		Material properties	
<b>Product type</b>	Insert	<b>Main material</b>	Polycarbonate (PC)
<b>Series</b>	CQ	<b>Other materials</b>	Gasket: NBR
<b>Connection type</b>	Crimp connection	<b>Colour</b>	RAL 7032 grey
<b>Gender</b>	Male	<b>RoHs conformity</b>	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
<b>N. of poles</b>	21 poles	<b>China RoHs - EFUP</b>	50
<b>Size</b>	Size "21.21"	<b>REACH SVHC substances</b>	Yes Lead
<b>Specification</b>	Standard & HNM (High Number of Matings)	<b>SCIP number</b>	5a97d67d-dd49-45fe-94c0-411f951ef5ee
Technical data		Approvals / Standards	
<b>Current</b>	5 A	<b>Certifications</b>	DNV, BV
<b>Voltage</b>	50 V	<b>UL</b>	ECBT2
<b>Rated impulse withstand voltage</b>	0,8 kV	<b>cUL</b>	ECBT8
<b>Pollution degree</b>	3	General ordering information	
<b>Rated voltage according to UL/CSA</b>	50 V AC/120 V DC	<b>EAN13 code</b>	8015747235488
<b>IP degree of protection</b>	IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure	<b>eCl@ss 8.1</b>	27440205
Further technical details		<b>ETIM 7.0</b>	EC000438
<b>Characteristics according to EN 61984</b>	6,5A 50V AC / 120V DC 0,8kV 3	Packaging Information	
<b>Mating cycles</b>	≥ 500	<b>Packaging length</b>	210,00 mm
<b>Insulation resistance</b>	≥ 10 GΩ	<b>Packaging height</b>	200,00 mm
<b>Contact resistance</b>	≤ 4 mΩ	<b>Packaging width</b>	130,00 mm
<b>Weight</b>	9,00 g	<b>Packaging weight</b>	2,05 kg
<b>Operating temperature range (min, max)</b>	-40 °C ... +125 °C	<b>Packaging volume</b>	5,46 dm <sup>3</sup>
<b>UL 94 flammability rating</b>	V-0	<b>Packaging description</b>	Carton box
<b>Tightening torque for fixing screws</b>	M3: 0,5 Nm; 4,4 lb.in (Ph1 or 0,8 x 5,5 mm)	<b>Packaging quantity</b>	200 Pcs
		<b>Packaging EAN code</b>	8015747235518
		<b>Sub-packaging length</b>	197,00 mm
		<b>Sub-packaging height</b>	35,00 mm
		<b>Sub-packaging width</b>	124,00 mm
		<b>Sub-packaging weight</b>	0,41 kg
		<b>Sub-packaging volume</b>	0,85 dm <sup>3</sup>
		<b>Sub-packaging description</b>	Carton tray
		<b>Sub-packaging quantity</b>	40 Pcs
		<b>Sub-packaging EAN barcode</b>	8015747235525

Part number

# CQM 21

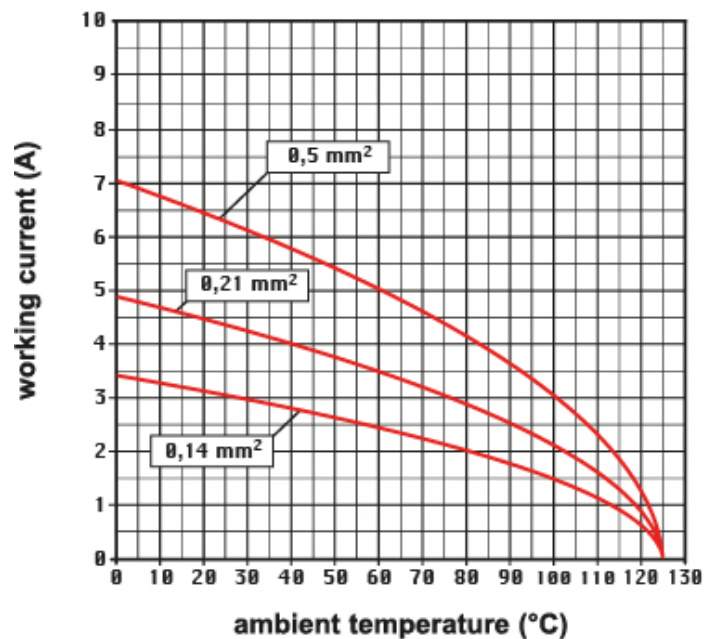


## Catalogue drawings



## 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.