

Part number  
**CQF 21**



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

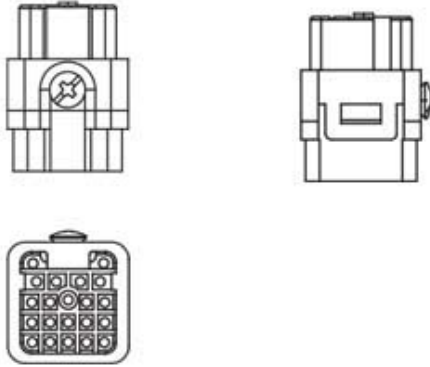
Product description		Material properties	
<b>Product type</b>	Insert	<b>Main material</b>	Polycarbonate (PC)
<b>Series</b>	CQ	<b>Colour</b>	RAL 7032 grey
<b>Connection type</b>	Crimp connection	<b>RoHs conformity</b>	Compliant with exemption 6(c): copper alloy containing up to 4% lead by weight
<b>Gender</b>	Female	<b>China RoHs - EFUP</b>	50
<b>N. of poles</b>	21 poles	<b>REACH SVHC substances</b>	Yes Lead
<b>Size</b>	Size "21.21"	<b>SCIP number</b>	5a97d67d-dd49-45fe-94c0-411f951ef5ee
<b>Specification</b>	Standard & HNM (High Number of Matings)	Approvals / Standards	
Technical data		<b>Certifications</b>	DNV, BV
<b>Current</b>	5 A	<b>UL</b>	ECBT2
<b>Voltage</b>	50 V	<b>cUL</b>	ECBT8
<b>Rated impulse withstand voltage</b>	0,8 kV	General ordering information	
<b>Pollution degree</b>	3	<b>EAN13 code</b>	8015747235471
<b>Rated voltage according to UL/CSA</b>	50 V AC/120 V DC	<b>eCl@ss 8.1</b>	27440205
<b>IP degree of protection</b>	IP20 without enclosure, IP44/IP66/IP67/IP68/IP69 with enclosure	<b>ETIM 7.0</b>	EC000438
Further technical details		Packaging Information	
<b>Characteristics according to EN 61984</b>	6,5A 50V AC / 120V DC 0,8kV 3	<b>Packaging length</b>	210,00 mm
<b>Mating cycles</b>	≥ 500	<b>Packaging height</b>	200,00 mm
<b>Insulation resistance</b>	≥ 10 GΩ	<b>Packaging width</b>	130,00 mm
<b>Contact resistance</b>	≤ 4 mΩ	<b>Packaging weight</b>	1,90 kg
<b>Weight</b>	8,00 g	<b>Packaging volume</b>	5,46 dm <sup>3</sup>
<b>Operating temperature range (min, max)</b>	-40 °C ... +125 °C	<b>Packaging description</b>	Carton box
<b>UL 94 flammability rating</b>	V-0	<b>Packaging quantity</b>	200 Pcs
<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 EAN code</b>	8015747235495
		<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>	0,38 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>	8015747235501

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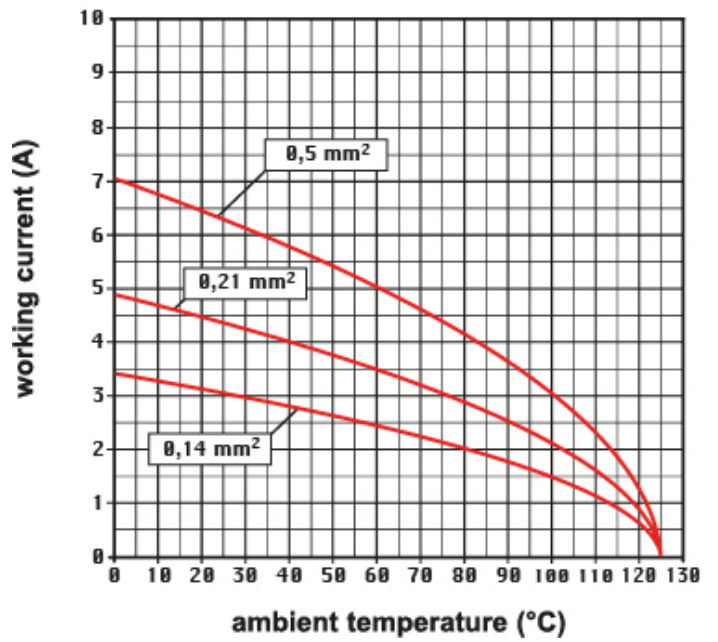


## Catalogue drawings



## Derating curves

**CQ 21 poles connector inserts**  
**Maximum current load derating diagram**



## Notes

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