

CQ 12

10 A 400 V

size **21.21**
12 poles +

Crimp connection

ISO 23570-3 standard
and DESINA®
specification compliant

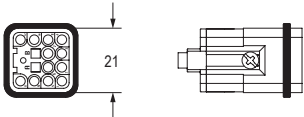
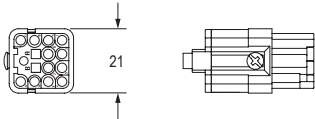
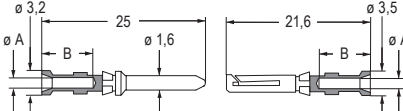


EN 61984 rating	10 A 400 V 6 kV 3
	10 A 400 / 690 V 6 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK EAC

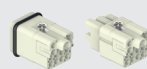


ECBT2.E115072 | ECBT8.E115072
PVVA2.E506437 | PVVA8.E506437

Item	Description	Part No.	Dimension																																																		
	Male inserts for male contacts Without contacts, including PE (to be ordered separately) PE screw connection for unprepared wires only	CQM 12																																																			
	Female inserts for female contacts Without contacts, including PE (to be ordered separately) PE screw connection for unprepared wires only	CQF 12																																																			
 	10 A crimp contacts section (mm²) section (AWG) 0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14	<table><tr><td></td><td>Male</td><td>Female</td></tr><tr><td rowspan="6"></td><td>CDMA 0.3</td><td>CDFA 0.3</td></tr><tr><td>CDMA 0.5</td><td>CDFA 0.5</td></tr><tr><td>CDMA 0.7</td><td>CDFA 0.7</td></tr><tr><td>CDMA 1.0</td><td>CDFA 1.0</td></tr><tr><td>CDMA 1.5</td><td>CDFA 1.5</td></tr><tr><td>CDMA 2.5</td><td>CDFA 2.5</td></tr><tr><td rowspan="6"></td><td>CDMD 0.3</td><td>CDFD 0.3</td></tr><tr><td>CDMD 0.5</td><td>CDFD 0.5</td></tr><tr><td>CDMD 0.7</td><td>CDFD 0.7</td></tr><tr><td>CDMD 1.0</td><td>CDFD 1.0</td></tr><tr><td>CDMD 1.5</td><td>CDFD 1.5</td></tr><tr><td>CDMD 2.5</td><td>CDFD 2.5</td></tr></table>		Male	Female		CDMA 0.3	CDFA 0.3	CDMA 0.5	CDFA 0.5	CDMA 0.7	CDFA 0.7	CDMA 1.0	CDFA 1.0	CDMA 1.5	CDFA 1.5	CDMA 2.5	CDFA 2.5		CDMD 0.3	CDFD 0.3	CDMD 0.5	CDFD 0.5	CDMD 0.7	CDFD 0.7	CDMD 1.0	CDFD 1.0	CDMD 1.5	CDFD 1.5	CDMD 2.5	CDFD 2.5	 Wiring information, CD contacts <table><tr><th>conductor section (mm²)</th><th>conductor slot ø A (mm)</th><th>stripping length B (mm)</th></tr><tr><td>0,14-0,37</td><td>0,9</td><td>8</td></tr><tr><td>0,5</td><td>1,1</td><td>8</td></tr><tr><td>0,75</td><td>1,3</td><td>8</td></tr><tr><td>1,0</td><td>1,45</td><td>8</td></tr><tr><td>1,5</td><td>1,8</td><td>8</td></tr><tr><td>2,5</td><td>2,2</td><td>6</td></tr></table> Wire diameter: up to 3,8 mm. For basic or high thickness gold plating, please refer to page F.16. It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)	conductor section (mm²)	conductor slot ø A (mm)	stripping length B (mm)	0,14-0,37	0,9	8	0,5	1,1	8	0,75	1,3	8	1,0	1,45	8	1,5	1,8	8	2,5	2,2	6
	Male	Female																																																			
	CDMA 0.3	CDFA 0.3																																																			
	CDMA 0.5	CDFA 0.5																																																			
	CDMA 0.7	CDFA 0.7																																																			
	CDMA 1.0	CDFA 1.0																																																			
	CDMA 1.5	CDFA 1.5																																																			
	CDMA 2.5	CDFA 2.5																																																			
	CDMD 0.3	CDFD 0.3																																																			
	CDMD 0.5	CDFD 0.5																																																			
	CDMD 0.7	CDFD 0.7																																																			
	CDMD 1.0	CDFD 1.0																																																			
	CDMD 1.5	CDFD 1.5																																																			
	CDMD 2.5	CDFD 2.5																																																			
conductor section (mm²)	conductor slot ø A (mm)	stripping length B (mm)																																																			
0,14-0,37	0,9	8																																																			
0,5	1,1	8																																																			
0,75	1,3	8																																																			
1,0	1,45	8																																																			
1,5	1,8	8																																																			
2,5	2,2	6																																																			

Materials

Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	copper alloy, silver and gold plated



CQ 12 CIF
Special inserts
Page D.6



CR Q12
Coding pins
Page G.3



CR BDE
Bridges for delta
connections
Page G.16



CR BST
Bridges for star
connections
Page G.17

Compact 21.21 enclosures

Pages

Heavy-Duty Applications

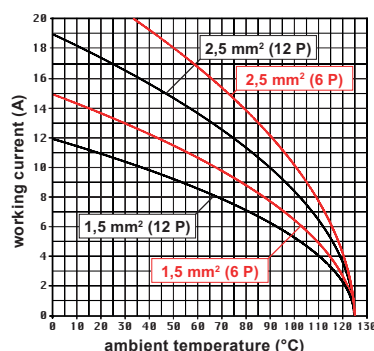
Thermoplastic	A.46-50
Thermoplastic with metal lever	A.53-55
Metallic	A.56-64

Aggressive Environments

Metallic W-TYPE	A.72-75
Metallic E-Xtreme®	A.76-77
Metallic IP68 high protection	A.78-81

Specialized Applications

EMC (Electromagnetic Shielding)	A.84-89
Hygienic series for food and beverage	A.94-96



CQ 12 inserts max. current load derating diagram

Inserts already supplied with stainless steel fixing screw with gasket, which ensures IP66 / IP67 / IP69 degree of protection