

CQ4 03

40 A 400 V

size **21.21**
3 poles +

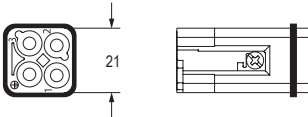
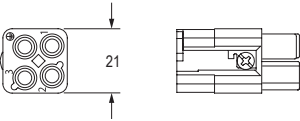
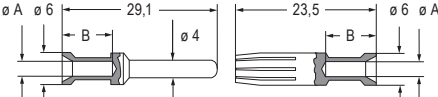
Crimp connection

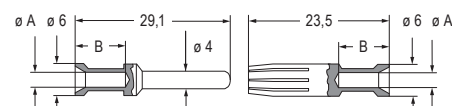
EN 61984 rating	40 A 400 V 6 kV 3
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 0,3 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK EAC

CEC DNV BUREAU VERITAS

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

Item	Description	Part No.	Dimension																								
	Male inserts for male contacts Without contacts (to be ordered separately) Male insert is protected from access with the back of the hand (IP1X or IPXXA)	CQ4M 03																									
	Female inserts for female contacts Without contacts (to be ordered separately) Female insert is finger proof (IP2X or IPXXB) even if not coupled	CQ4F 03																									
	40 A crimp contacts <table><thead><tr><th>section (mm²)</th><th>section (AWG)</th></tr></thead><tbody><tr><td>1,5</td><td>16</td></tr><tr><td>2,5</td><td>14</td></tr><tr><td>4</td><td>12</td></tr><tr><td>6</td><td>10</td></tr><tr><td>10</td><td>8</td></tr></tbody></table>	section (mm²)	section (AWG)	1,5	16	2,5	14	4	12	6	10	10	8	<table><thead><tr><th>Male</th><th>Female</th></tr></thead><tbody><tr><td>CXMA 1.5</td><td>CXFA 1.5</td></tr><tr><td>CXMA 2.5</td><td>CXFA 2.5</td></tr><tr><td>CXMA 4.0</td><td>CXFA 4.0</td></tr><tr><td>CXMA 6.0</td><td>CXFA 6.0</td></tr><tr><td>CXMA 10</td><td>CXFA 10</td></tr></tbody></table>	Male	Female	CXMA 1.5	CXFA 1.5	CXMA 2.5	CXFA 2.5	CXMA 4.0	CXFA 4.0	CXMA 6.0	CXFA 6.0	CXMA 10	CXFA 10	
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Wiring information, CX contacts

conductor section (mm²)	conductor slot ø A (mm)	stripping length B (mm)
1,5	1,8	9
2,5	2,2	9
4	2,85	9,6
6	3,5	9,6
10	4,3	15

Wire diameter: up to 7 mm.

It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)

Materials

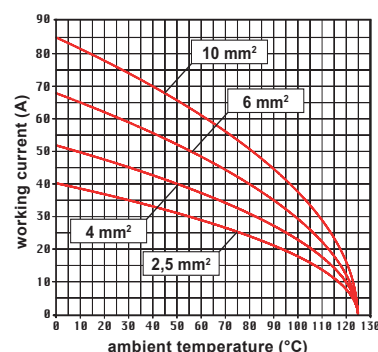
Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	copper alloy, silver plated



CR Q03
Coding pins
Page G.6

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

Cannot be used in angled enclosures (IA / IAP versions and VA M20, Pg 11 entry version)



CQ4 03 inserts max. current load derating diagram