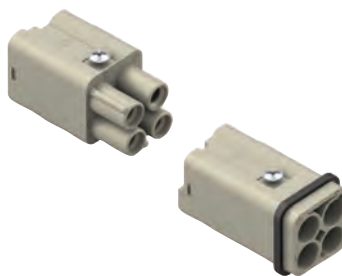


CQ4F/M 03 3 poles + ⊕ 40A - 400Venclosures:
size "21.21"

page:

Insulating type	339 - 348
Metallic type	349 - 363
W-TYPE for aggressive environments	512 - 518
EMC	564 - 572
IP68	628 - 631
E-Xtreme® corrosion proof	538 - 539

inserts, crimp connections

40A crimp contacts
silver plated- cannot be used in angled enclosures
(IA/IAP/VA version)

description

part No.

part No.

without contacts (to be ordered separately)

female inserts for female contacts *

male inserts for male contacts *

CQ4F 03
CQ4M 03

40A female crimp contacts

1,5 mm ²	AWG 16
2,5 mm ²	AWG 14
4 mm ²	AWG 12
6 mm ²	AWG 10
10 mm ²	AWG 8

40A male crimp contacts

1,5 mm ²	AWG 16
2,5 mm ²	AWG 14
4 mm ²	AWG 12
6 mm ²	AWG 10
10 mm ²	AWG 8

CXFA 1.5
CXFA 2.5
CXFA 4.0
CXFA 6.0
CXFA 10**CXMA 1.5**
CXMA 2.5
CXMA 4.0
CXMA 6.0
CXMA 10

silver plated

- the female insert **CQ4F 03** is finger proof (IP2X or IPXXB) even if not coupled, while the male insert **CQ4M 03** in this circumstance is protected from access with the back of the hand (IP1X or IPXXA).

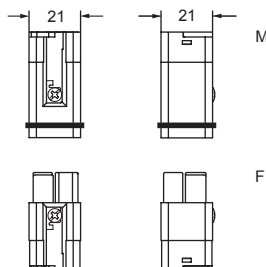
- characteristics according to EN 61984:

40A 400V 6kV 3-  (UL for USA and Canada),  certified- insulation resistance: $\geq 10 \text{ G}\Omega$ - ambient temperature limit: $-40^\circ\text{C} \dots +125^\circ\text{C}$

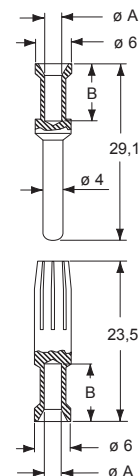
- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles- contact resistance: $\leq 0,3 \text{ m}\Omega$ - **it is recommended to crimp the contacts with crimping tools homologated by ILME** (please see the crimping tool section 40A contacts CXF and CXM series, on pages 708 - 741)

- for max. current load see the connector inserts derating diagram below; for more information see page 28

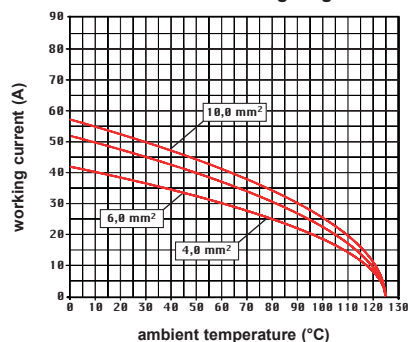
* cable diameter: up to 7,5 mm
contact section: up to 10 mm²

contacts side (front view)



CXF and CXM contacts

conductor section mm ²	conductor slot ϕA (mm)	conductors 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

CQ4 03, 3 poles + PE connector inserts
Maximum current load derating diagramCoding pins
CR Q03
(4 possible positions)
(page 692)