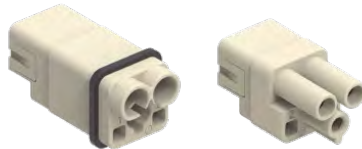


CQ4F/M 02 2 poles + ⊕ 40A - 400V

enclosures: 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

- cannot be used in angled enclosures
(IA/IAP/VA version)

inserts, crimp connections



40A crimp contacts
silver plated



description	part No.	part No.
-------------	----------	----------

without contacts (to be ordered separately), including PE
female inserts for female contacts
male inserts for male contacts

CQ4F 02
CQ4M 02

40A female crimp contacts
1,5 mm² AWG 16
2,5 mm² AWG 14
4 mm² AWG 12
6 mm² AWG 10
10 mm² AWG 8

CXFA 1.5
CXFA 2.5
CXFA 4.0
CXFA 6.0
CXFA 10

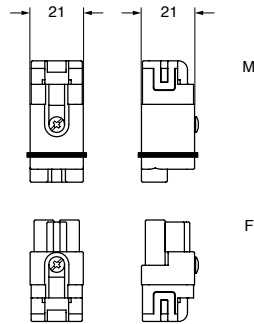
silver plated

40A male crimp contacts
1,5 mm² AWG 16
2,5 mm² AWG 14
4 mm² AWG 12
6 mm² AWG 10
10 mm² AWG 8

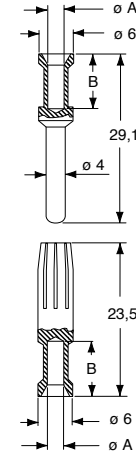
CXMA 1.5
CXMA 2.5
CXMA 4.0
CXMA 6.0
CXMA 10

- characteristics according to EN 61984:
40A 400V 6kV 3
-  (UL for USA and Canada),  
- **ERC** certified
- rated voltage according to UL/CSA: 600V
- insulation resistance: $\geq 10 \text{ G}\Omega$
- ambient temperature limit: -40 °C ... +125 °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)

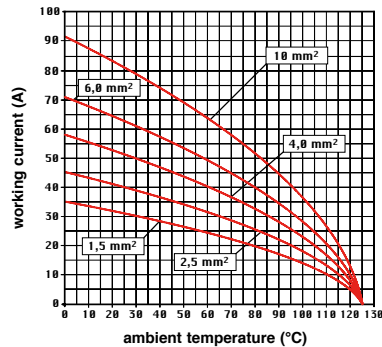
- wire diameter: up to 7,5 mm
- conductor cross-sectional area: up to 10 mm²



contacts side (front view)



CQ4 02, 2 poles + PE connector inserts
Maximum current load derating diagram



Coding pins
CR Q02
(page 691)



CXF and CXM contacts

conductor cross-sectional area (mm ²)	conductor slot ø A (mm)	conductor 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

CQ4F/M 02 H 2 poles + PE 40A - 830Venclosures:
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

- cannot be used in angled enclosures
(IA/IAP/VA version)inserts, crimp connections
heat-shrinking tube **HIGHER VOLTAGE 830V**40A crimp contacts
silver plated

description

part No.

part No.

without contacts (to be ordered separately), including PE
female inserts for female contacts
male inserts for male contacts**CQ4F 02 H**
CQ4M 02 H

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

silver plated

CXMA 1.5
CXMA 2.5
CXMA 4.0
CXMA 6.0
CXMA 10

- characteristics according to EN 61984:

40A 830V 6kV 3

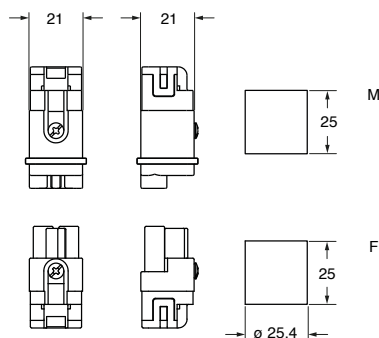
- cULus (UL for USA and Canada), DNV-GL, BUREAU VERITAS

EAC certified

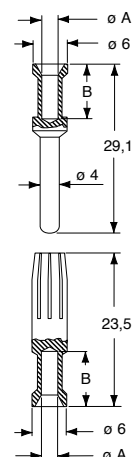
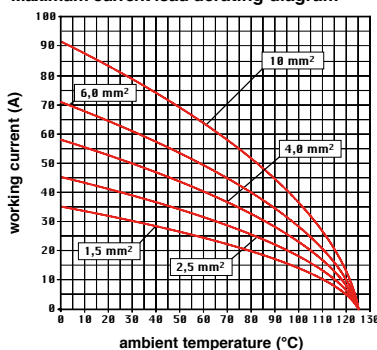
- rated voltage according to UL/CSA: 600V

- insulation resistance: $\geq 10 \text{ G}\Omega$

- ambient temperature limit: -40 °C ... +125 °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)- wire diameter: up to 7,5 mm
conductor cross-sectional area: up to 10 mm²

contacts side (front view)

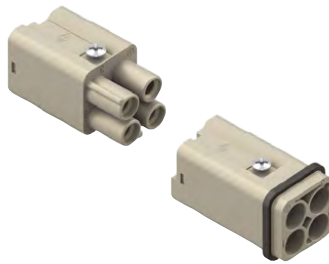
**CQ4 02 H, 2 poles + PE connector inserts**
Maximum current load derating diagramCoding pins
CR Q02
(page 691)**CXF and CXM contacts**

conductor cross-sectional area (mm ²)	conductor slot ϕ A (mm)	conductor 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

CQ4F/M 03 3 poles + $\oplus$ 40A - 400V

enclosures: 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 mm² AWG 16
2,5 mm² AWG 14
4 mm² AWG 12
6 mm² AWG 10
10 mm² AWG 8

CXFA 1.5
CXFA 2.5
CXFA 4.0
CXFA 6.0
CXFA 10

silver plated

40A male crimp contacts
1,5 mm² AWG 16
2,5 mm² AWG 14
4 mm² AWG 12
6 mm² AWG 10
10 mm² AWG 8

CXMA 1.5
CXMA 2.5
CXMA 4.0
CXMA 6.0
CXMA 10

- 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

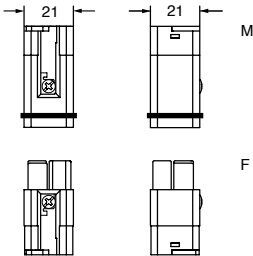
- cULus (UL for USA and Canada),    ENEC certified

- insulation resistance: ≥ 10 G Ω
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: $\leq 0,3$ m Ω

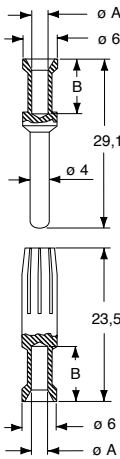
- it is recommended to crimp the contacts with crimping tools homologated by ILME (please see the crimping tool section 40A contacts CXF and CXM series, on pages 708 - 741)

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

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



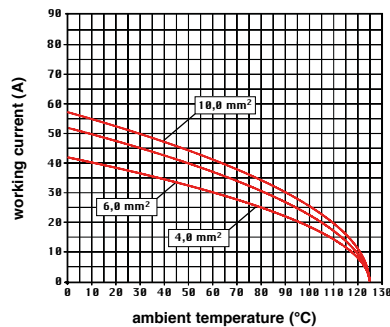
contacts side (front view)



CXF and CXM contacts

conductor section mm ²	conductor slot ø A (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 diagram



Coding pins
CR Q03
(4 possible positions)
(page 692)

