

CQ 21 poles 6,5A - 50V ac / 120V dcenclosures:
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

CI crimp contacts
silver and gold plated

description

part No.

part No.

without contacts (to be ordered separately)

female inserts for female contacts

male inserts for male contacts

CQF 21
CQM 21

CI female crimp contacts

0,08-0,21 mm² AWG 28-240,13-0,33 mm² AWG 26-220,33-0,52 mm² AWG 22-20

CI male crimp contacts

0,08-0,21 mm² AWG 28-240,13-0,33 mm² AWG 26-220,33-0,52 mm² AWG 22-20**CIFA 0.2****CIFA 0.3****CIFA 0.5****CIFD 0.2****CIFD 0.3****CIFD 0.5****CIMA 0.2****CIMA 0.3****CIMA 0.5****CIMD 0.2****CIMD 0.3****CIMD 0.5**

silver plated

gold plated

- characteristics according to EN 61984:

6,5A 50V ac / 120V dc 0,8kV 3

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

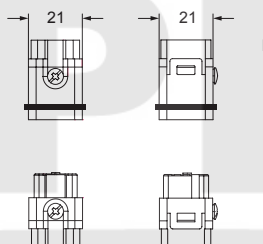
- rated voltage according to UL/CSA: 250V

- insulation resistance: ≥ 10 GΩ

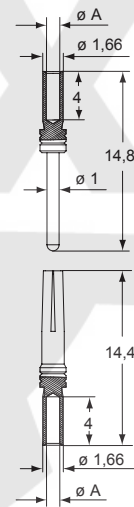
- ambient temperature limit: -40 °C ... +125 °C

- made of self-extinguishing thermoplastic resin
UL 94V-0- mechanical life: ≥ 500 cycles- contact resistance: ≤ 4 mΩ- seat of contact #9 on both inserts set forward to obtain
pre-leading contact (e.g. for FE functional earth)

- for crimp contacts CI series use, see page 716 - 719

CIPZ D crimping tool**CITP D** turret head**CIES** insertion / removal tool- for max. current load see the connector inserts derating
diagram below; for more information see page 28

contacts side (front view)

**CIF and CIM contacts**

conductor section mm ²	conductor slot Ø A (mm)	conductors stripping length (mm)
0,08-0,21	0,64	4
0,13-0,33	0,90	4
0,33-0,52	1,12	4

max insulation diameter: 1,7 mm

CQ 21 poles connector inserts
Maximum current load derating diagram