

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

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



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 mm ²	AWG 28-24
0,13-0,33 mm ²	AWG 26-22
0,33-0,52 mm ²	AWG 22-20

CIFA 0.2
CIFA 0.3
CIFA 0.5

silver plated

CIFD 0.2
CIFD 0.3
CIFD 0.5

gold plated

CI male crimp contacts

0,08-0,21 mm ²	AWG 28-24
0,13-0,33 mm ²	AWG 26-22
0,33-0,52 mm ²	AWG 22-20

CIMA 0.2
CIMA 0.3
CIMA 0.5

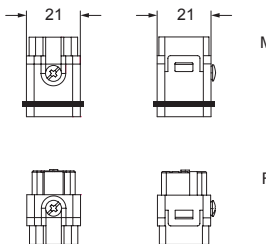
CIMD 0.2
CIMD 0.3
CIMD 0.5

- characteristics according to EN 61984:

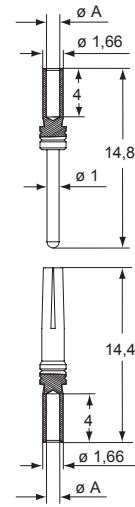
6,5A 50V ac / 120V dc 0,8kV 3

- cULus (UL for USA and Canada), certified

- rated voltage according to UL/CSA: 250V
- 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: ≤ 4 m Ω
- 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

