

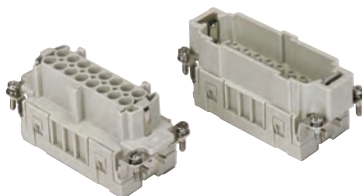
CCE 16 poles + ⊕ 16A - 500Venclosures:
size "77.27"

page:

C-TYPE IP65/IP66	402 - 411
C7 IP67, two levers	439 - 440
V-TYPE IP65/IP66, single lever	454 - 458
BIG hoods	470 - 471
T-TYPE IP65 insulating	484 - 485
T-TYPE / W IP66/IP69 insulating	491
HYGIENIC T-TYPE / H IP66/IP69	503
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	508
W-TYPE for aggressive environments	523
E-Xtreme® corrosion proof	534 - 535, 544, 554 - 555
EMC	580
Central lever	609 - 611
LS-TYPE	622 - 623
IP68	640 - 643

panel supports:
COBpage:
652 - 653

inserts, crimp connections

16A crimp contacts
standard or for advanced opening
silver and gold plated

STANDARD



ADVANCED OPENING

description

part No.

part No.

without contacts (to be ordered separately)

female inserts for female contacts

CCEF 16
CCEM 16

male inserts for male contacts

16A female contacts

0,14-0,37 mm²	AWG 26-22	one groove
0,5 mm²	AWG 20	with no grooves
0,75 mm²	AWG 18	one groove (back side)
1 mm²	AWG 18	one groove
1,5 mm²	AWG 16	two grooves
2,5 mm²	AWG 14	three grooves
3 mm²	AWG 12	one wide groove
4 mm²	AWG 12	with no grooves

16A male contacts

0,14-0,37 mm²	AWG 26-22	one groove
0,5 mm²	AWG 20	with no grooves
0,75 mm²	AWG 18	one groove (back side)
1 mm²	AWG 18	one groove
1,5 mm²	AWG 16t	wo grooves
2,5 mm²	AWG 14	three grooves
3 mm²	AWG 12	one wide groove
4 mm²	AWG 12	with no grooves

16A male crimp contacts for advanced opening

0,5 mm²	AWG 20	with no grooves
0,75 mm²	AWG 18	one groove (back side)
1 mm²	AWG 18	one groove
1,5 mm²	AWG 16	two grooves
2,5 mm²	AWG 14	three grooves

CCFA 0.3
CCFA 0.5
CCFA 0.7
CCFA 1.0
CCFA 1.5
CCFA 2.5
CCFA 3.0
CCFA 4.0

silver plated

CCFD 0.3
CCFD 0.5
CCFD 0.7
CCFD 1.0
CCFD 1.5
CCFD 2.5
CCFD 3.0
CCFD 4.0

gold plated+

CCMA 0.3
CCMA 0.5
CCMA 0.7
CCMA 1.0
CCMA 1.5
CCMA 2.5
CCMA 3.0
CCMA 4.0CCMD 0.3
CCMD 0.5
CCMD 0.7
CCMD 1.0
CCMD 1.5
CCMD 2.5
CCMD 3.0
CCMD 4.0CC 0.5 AN
CC 0.7 AN
CC 1.0 AN
CC 1.5 AN
CC 2.5 AN* for basic or high thickness
gold plating, please refer
to page 675

- characteristics according to EN 61984:

16A 500V 6kV 3
16A 400/690V 6kV 2

- certified

- rated voltage according to UL/CSA: 600V

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

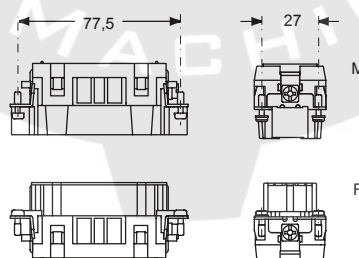
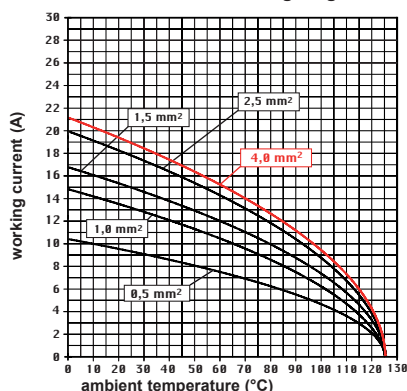
- ambient temperature limit: -40 °C ... +125 °C

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

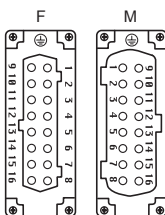
- mechanical life: ≥ 500 cycles- contact resistance: $\leq 1 \text{ m}\Omega$ - for max. current load see the connector inserts derating
diagram below; for more information see page 28

CCE 16 poles connector inserts

Maximum current load derating diagram

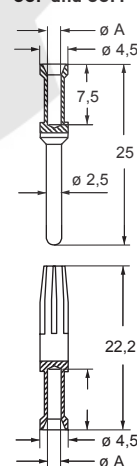


contacts side (front view)

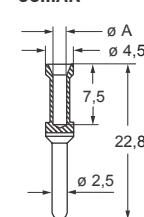


- it is recommended to crimp the contacts with
crimping tools homologated by ILME (please see
the crimping tool section 16A contacts, CCF, CCM
and CC...AN series on pages 708 - 741)

CCF and CCM



CC...AN



CCF, CCM and CC...AN contacts

conductor section mm²	conductor slot Ø A (mm)	conductors stripping length (mm)
0,14-0,37	0,9	7,5
0,5	1,1	7,5
0,75	1,3	7,5
1,0	1,45	7,5
1,5	1,8	7,5
2,5	2,2	7,5
3	2,55	7,5
4	2,85	7,5