

CDA 10 poles + \oplus 16A - 250V

enclosures:
size "49.16"

page:

IL-BRID 374 - 377, 382
CZ7 IP67, single lever 384
W-TYPE for aggressive environments 519
E-Xtreme® corrosion proof 540
EMC 576

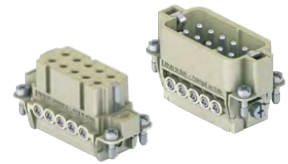
panel supports:
COB + adaptor

page:
652 - 654

inserts,
screw terminal connection



inserts,
screw terminal connection



description

part No.

part No.

indirect, with pressure plate ¹⁾
female inserts with female contacts
male inserts with male contacts

CDAF 10
CDAM 10

direct, without pressure plate ²⁾
female inserts with female contacts
male inserts with male contacts

CDAF 10 X
CDAM 10 X

- characteristics according to EN 61984:

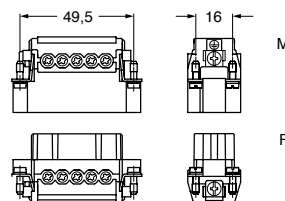
16A 250V 4kV 3

16A 230/400V 4kV 2

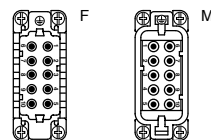
- cULus (UL for USA and Canada),

certified

- rated voltage according to UL/CSA: 600V
- 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: $\leq 1 \text{ m}\Omega$
- according to recommendations EUROMAP N° 16
- for max. current load see the connector inserts derating diagram below; for more information see page 28



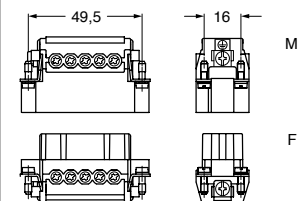
contacts side (front view)



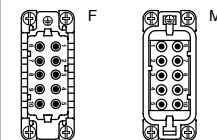
- inserts with pressure plate for conductors cross-sections:
0,5 - 4 mm² - AWG 20 - 12
- conductors stripping length: 7 mm
- terminal screw torque: 0,5 Nm (4.4 lb.in), for more information see page 20 and 21

¹⁾ for unprepared conductors

CDA ...



contacts side (front view)



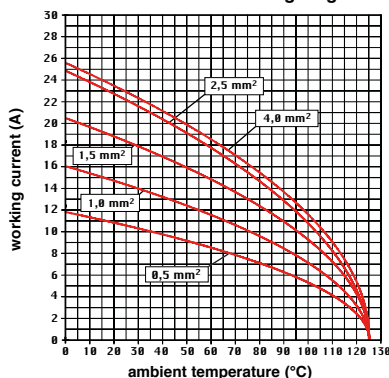
- inserts without pressure plate for prepared conductors with cross-sections:
0,25 - 2,5 mm² - AWG 24 - 14
- terminal screw torque: 0,5 Nm (4.4 lb.in), for more information see page 20 and 21

²⁾ for conductors with end sleeve ferrule

CDA ... X



CDA 10 poles connector inserts
Maximum current load derating diagram



CDA 16 poles + \oplus 16A - 250V

enclosures:
size "66.16"

page:

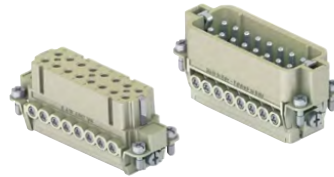
IL-BRID
CZ7 IP67, single lever
W-TYPE for aggressive environments
E-Xtreme® corrosion proof
EMC

378 - 382
385
520
541
577

panel supports:
COB + adaptor

page:
652 - 654

inserts,
screw terminal connection



inserts,
screw terminal connection



description

part No.

part No.

indirect, with pressure plate ¹⁾
female inserts with female contacts
male inserts with male contacts

CDAF 16
CDAM 16

direct, without pressure plate ²⁾
female inserts with female contacts
male inserts with male contacts

CDAF 16 X
CDAM 16 X

- characteristics according to EN 61984:

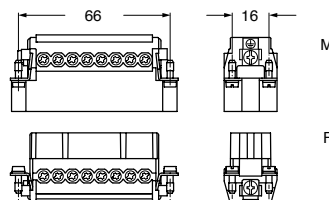
16A 250V 4kV 3

16A 230/400V 4kV 2

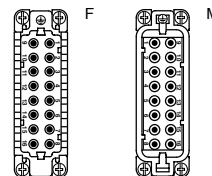
- cULus (UL for USA and Canada),

ENEC certified

- rated voltage according to UL/CSA: 600V
- insulation resistance: $\geq 10 \text{ G}\Omega$
- ambient temperature limit: $-40 \text{ }^{\circ}\text{C} \dots +125 \text{ }^{\circ}\text{C}$
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: $\leq 1 \text{ m}\Omega$
- according to recommendations EUROMAP N° 13 / N° 14.1
- for max. current load see the connector inserts derating diagram below; for more information see page 28

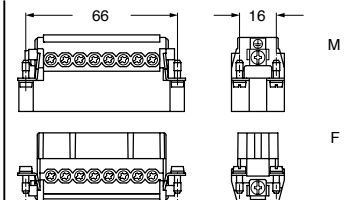


contacts side (front view)

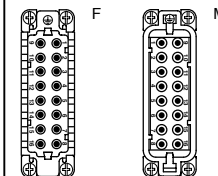


- inserts with pressure plate for conductors cross-sections:
0,5 - 4 mm² - AWG 20 - 12
- conductors stripping length: 7 mm
- terminal screw torque: 0,5 Nm (4.4 lb.in), for more information see page 20 and 21

¹⁾ for unprepared conductors



contacts side (front view)

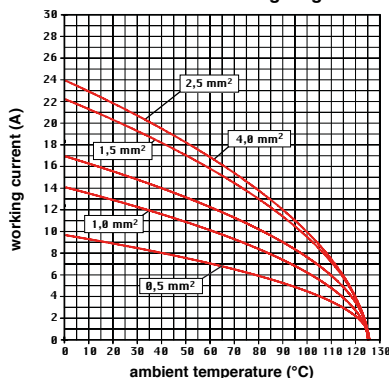


- inserts without pressure plate for prepared conductors with cross-sections:
0,25 - 2,5 mm² - AWG 24 - 14
- terminal screw torque: 0,5 Nm (4.4 lb.in), for more information see page 20 and 21

²⁾ for conductors with end sleeve ferrule



CDA 16 poles connector inserts
Maximum current load derating diagram



CDA 32 poles + \oplus 16A - 250V

enclosures:
size "66.40"

page:

C-TYPE IP65/IP66

431 - 434

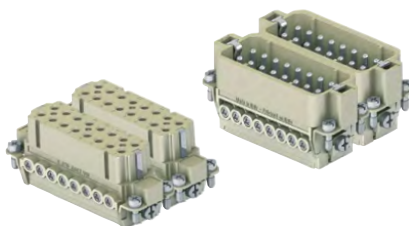
W-TYPE for aggressive environments

527

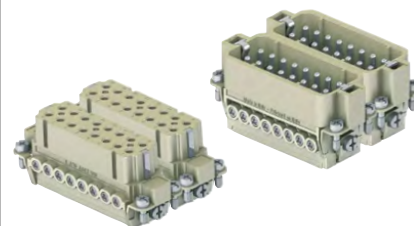
E-Xtreme® corrosion proof

548

inserts,
screw terminal connection



inserts,
screw terminal connection



description

part No.

part No.

part No.

part No.

indirect, with pressure plate ¹⁾
female inserts, No. (1-16) and (17-32)
male inserts, No. (1-16) and (17-32)

CDAF 16
CDAM 16

CDAF 16 N
CDAM 16 N

direct, without pressure plate ²⁾
female inserts, No. (1-16) and (17-32)
male inserts, No. (1-16) and (17-32)




CDAF 16 X
CDAM 16 X

CDAF 16 XN
CDAM 16 XN

- characteristics according to EN 61984:

16A 250V 4kV 3

16A 230/400V 4kV 2

- cULus (UL for USA and Canada),   

 **ERC** certified

- rated voltage according to UL/CSA: 600V

- insulation resistance: ≥ 10 G Ω

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

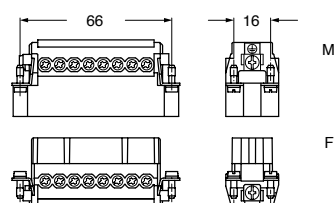
- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles

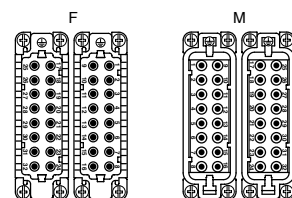
- contact resistance: ≤ 1 m Ω

- according to recommendations EUROMAP N° 12 / N° 62

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



contacts side (front view)



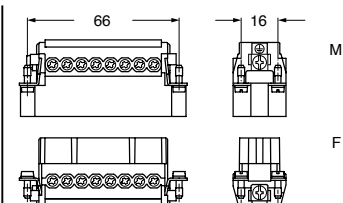
- inserts with pressure plate for conductors
cross-sections:

0,5 - 4 mm² - AWG 20 - 12

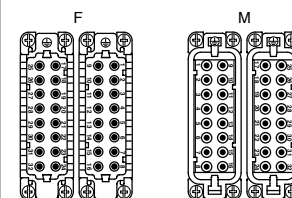
- conductors stripping length: 7 mm

- terminal screw torque: 0,5 Nm (4.4 lb.in), for more information see page 20 and 21

¹⁾ for unprepared conductors



contacts side (front view)



- inserts without pressure plate for prepared conductors with cross-sections:

0,25 - 2,5 mm² - AWG 24 - 14

- terminal screw torque: 0,5 Nm (4.4 lb.in), for more information see page 20 and 21

²⁾ for conductors with end sleeve ferrule



CDA 32 poles connector inserts
Maximum current load derating diagram

