

CD 7 poles + 10A - 250V

enclosures:
size "21.21"

page:

Insulating type

339 - 348

inserts, crimp connections



**10A crimp contacts
silver and gold plated**



description			part No.	part No.	part No.	part No.
without contacts (to be ordered separately)			grey	black		
female inserts for female contacts, grey and black ¹⁾			CDF 07	CDF 07 N		
male inserts for male contacts, grey and black			CDM 07	CDM 07 N		
10A female contacts						
0,14-0,37 mm ²	AWG 26-22	identification No. 1			CDFA 0.3	CDFD 0.3
0,5 mm ²	AWG 20	identification No. 2			CDFA 0.5	CDFD 0.5
0,75 mm ²	AWG 18	identification No. ②			CDFA 0.7	CDFD 0.7
1 mm ²	AWG 18	identification No. 3			CDFA 1.0	CDFD 1.0
1,5 mm ²	AWG 16	identification No. 4			CDFA 1.5	CDFD 1.5
2,5 mm ²	AWG 14	identification No. 5			CDFA 2.5	CDFD 2.5
10A male contacts						
0,14-0,37 mm ²	AWG 26-22	identification No. 1			CDMA 0.3	CDMD 0.3
0,5 mm ²	AWG 20	identification No. 2			CDMA 0.5	CDMD 0.5
0,75 mm ²	AWG 18	identification No. ②			CDMA 0.7	CDMD 0.7
1 mm ²	AWG 18	identification No. 3			CDMA 1.0	CDMD 1.0
1,5 mm ²	AWG 16	identification No. 4			CDMA 1.5	CDMD 1.5
2,5 mm ²	AWG 14	identification No. 5			CDMA 2.5	CDMD 2.5

1) the female inserts can be mounted into the straight bulkhead housings CK I from the rear

- characteristics according to EN 61984:

10A 250V 4kV 3

10A	230/400V	4kV	2
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- **UL** (UL for USA and Canada), **SP**, **CQC**, **DNV-GL**

- 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

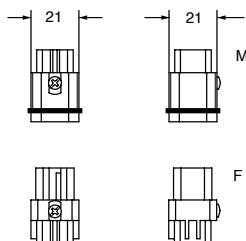
- mechanical life: ≥ 500 cycles

- contact resistance: $\leq 3 \text{ m}\Omega$

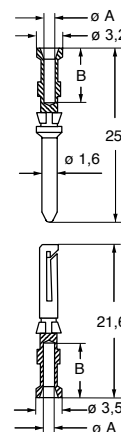
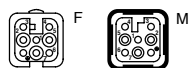
- for applications requiring higher voltages, please see the special voltage application section on page 65

- it is recommended to crimp the contacts with crimping tools homologated by ILME (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)

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



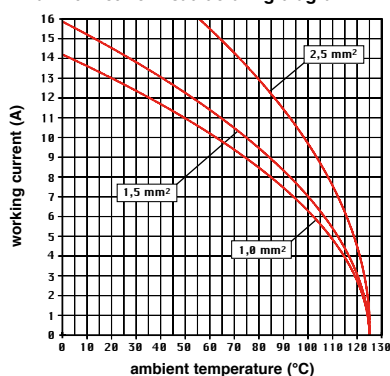
contacts side (front view)



CDF and CDM contacts

conductor section mm ²	conductor slot σ A (mm)	conductors stripping length B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

CD 07 poles connector inserts
Maximum current load derating diagram



**CR CP coding pin
with loss of one contact
(page 689)**



+ for basic or high thickness gold plating, please refer to page 674

CD 8 poles 10A - 50V ac / 120V dc

enclosures:
size "21.21"

page:

Insulating type	339 - 348
Metallic type	349 - 363
W-TYPE for aggressive environments	512 - 518
E-Xtreme® corrosion proof	538 - 539
EMC	564 - 572
IP68	628 - 631

inserts, crimp connections

10A crimp contacts
silver and gold plated

description

part No.

part No.

part No.

without contacts (to be ordered separately)

female inserts for female contacts ¹⁾

CDF 08

male inserts for male contacts

CDM 08

10A female contacts

0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

10A male contacts

0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

CDFA 0.3
CDFA 0.5
CDFA 0.7
CDFA 1.0
CDFA 1.5
CDFA 2.5

silver plated

CDFD 0.3
CDFD 0.5
CDFD 0.7
CDFD 1.0
CDFD 1.5
CDFD 2.5

gold plated⁺

CDMA 0.3
CDMA 0.5
CDMA 0.7
CDMA 1.0
CDMA 1.5
CDMA 2.5

CDMD 0.3
CDMD 0.5
CDMD 0.7
CDMD 1.0
CDMD 1.5
CDMD 2.5

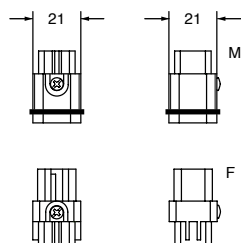
1) the female inserts can be mounted into the straight
bulkhead housings CK I from the rear

- characteristics according to EN 61984:

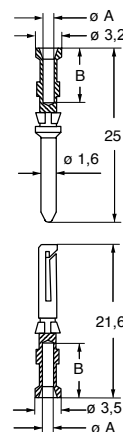
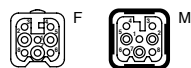
10A 50V ac / 120V dc 0,8kV 3

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

- rated voltage according to UL/CSA: 50V ac / 120V dc
- 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: ≤ 3 m Ω
- for applications requiring higher voltages, please see the special voltage application section on page 65
- it is recommended to crimp the contacts with crimping tools homologated by ILME (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)
- for max. current load see the connector inserts derating diagram below; for more information see page 28



contacts side (front view)

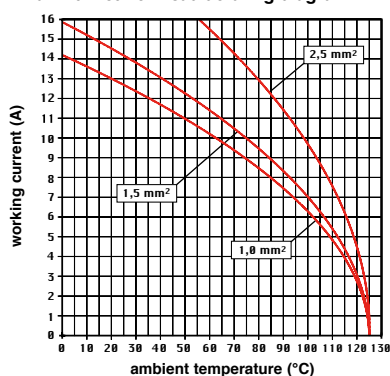


CDF and CDM contacts

conductor section	conductor slot	conductors stripping length
mm ²	ø A (mm)	B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

CD 08 poles connector inserts

Maximum current load derating diagram

CR CP coding pin
with loss of one contact
(page 689)

⁺ for basic or high thickness gold plating, please refer to page 674

CD 15 poles + $\ominus$ 10A - 250V

enclosures:
size "49.16"

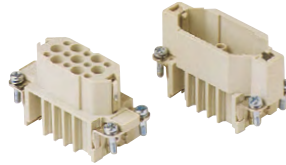
page:

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, crimp connections



10A crimp contacts
silver and gold plated



description	part No.	part No.	part No.
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without contacts (to be ordered separately)
female inserts for female contacts
male inserts for male contacts

CDF 15
CDM 15

10A female contacts		
0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

10A male contacts		
0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

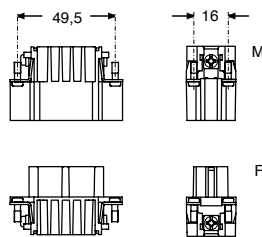
silver plated			gold plated ⁺	
CDFA 0.3	CDFA 0.5	CDFA 0.7	CDFA 1.0	CDFA 1.5
CDFA 2.5	CDFA 1.5	CDFA 1.0	CDFA 0.7	CDFA 0.5
CDFA 0.3	CDFA 0.5	CDFA 0.7	CDFA 1.0	CDFA 1.5
CDFA 2.5	CDFA 1.5	CDFA 1.0	CDFA 0.7	CDFA 0.5

- characteristics according to EN 61984:

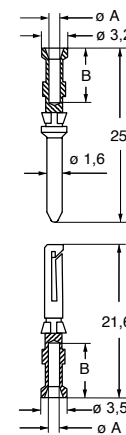
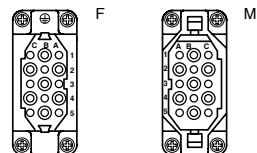
10A 250V 4kV 3
10A 230/400V 4kV 2

- cULus (UL for USA and Canada),
 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: ≤ 3 m Ω
- for applications requiring higher voltages, please see the special voltage application section on page 65
- **it is recommended to crimp the contacts with crimping tools homologated by ILME** (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)
- for max. current load see the connector inserts derating diagram below; for more information see page 28

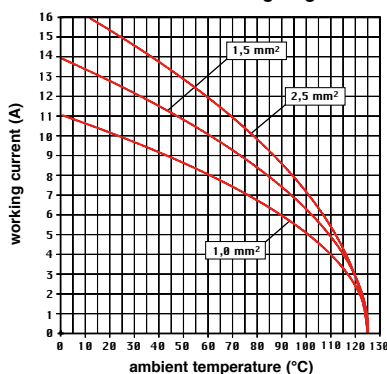


contacts side (front view)



CDF and CDM contacts		
conductor section mm ²	conductor slot ϕ A (mm)	conductors stripping length B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

CD 15 poles connector inserts
Maximum current load derating diagram



CR CP coding pin
with loss of one contact
(page 689)



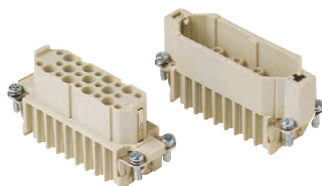
⁺ for basic or high thickness gold plating, please refer to page 674

CD 25 poles + ⊕ 10A - 250Venclosures:
size "66.16"

page:

IL-BRID
CZ7 IP67, single lever
W-TYPE for aggressive environments
E-Xtreme® corrosion proof
EMC378 - 382
385
520
541
577panel supports:
COB + adaptorpage:
652 - 654

inserts, crimp connections

10A crimp contacts
silver and gold plated

description

part No.

part No.

part No.

without contacts (to be ordered separately)
female inserts for female contacts
male inserts for male contacts**CDF 25**
CDM 25

10A female contacts

0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

10A male contacts

0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

CDFA 0.3
CDFA 0.5
CDFA 0.7
CDFA 1.0
CDFA 1.5
CDFA 2.5

silver plated

CDFD 0.3
CDFD 0.5
CDFD 0.7
CDFD 1.0
CDFD 1.5
CDFD 2.5

gold plated+

CDMA 0.3
CDMA 0.5
CDMA 0.7
CDMA 1.0
CDMA 1.5
CDMA 2.5CDMD 0.3
CDMD 0.5
CDMD 0.7
CDMD 1.0
CDMD 1.5
CDMD 2.5

- characteristics according to EN 61984:

10A 250V 4kV 3
10A 230/400V 4kV 2- cULus (UL for USA and Canada),
 EAC certified

- rated voltage according to UL/CSA: 600V

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

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

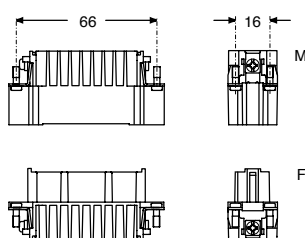
- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles- contact resistance: $\leq 3 \text{ m}\Omega$

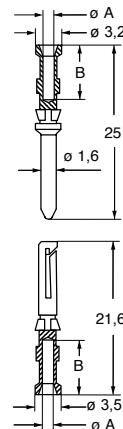
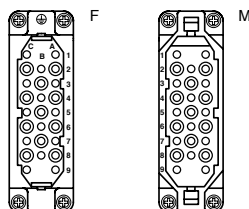
- for applications requiring higher voltages, please see the special voltage application section on page 65

- **it is recommended to crimp the contacts with crimping tools homologated by ILME** (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)

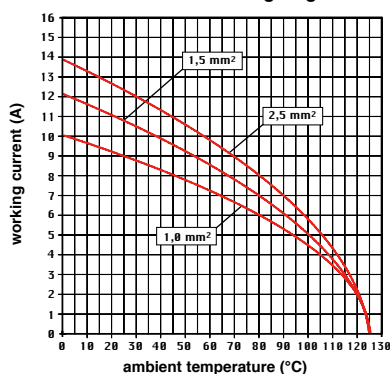
- for max. current load see the connector inserts derating diagram below; for more information see page 28



contacts side (front view)

**CDF and CDM contacts**

conductor section	conductor slot	conductors stripping length
mm ²	ø A (mm)	B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

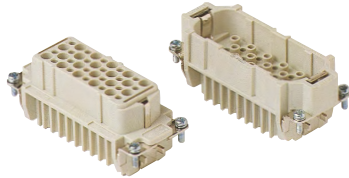
CD 25 poles connector inserts**Maximum current load derating diagram**CR CP coding pin
with loss of one contact
(page 689)

+ for basic or high thickness gold plating, please refer to page 674

CD 40 poles + $\oplus$ 10A - 250V

enclosures: 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: COB	page: 652 - 653

inserts, crimp connections



10A crimp contacts
silver and gold plated



description	part No.	part No.	part No.
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without contacts (to be ordered separately)
female inserts for female contacts
male inserts for male contacts

CDF 40
CDM 40

10A female contacts		
0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

10A male contacts		
0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

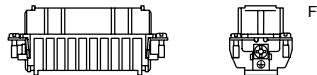
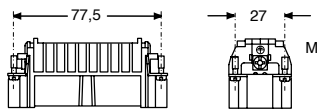
C DFA 0.3	silver plated	C DFD 0.3	gold plated ⁺
C DFA 0.5		C DFD 0.5	
C DFA 0.7		C DFD 0.7	
C DFA 1.0		C DFD 1.0	
C DFA 1.5		C DFD 1.5	
C DFA 2.5		C DFD 2.5	
C DMA 0.3		C DMD 0.3	
C DMA 0.5		C DMD 0.5	
C DMA 0.7		C DMD 0.7	
C DMA 1.0		C DMD 1.0	
C DMA 1.5		C DMD 1.5	
C DMA 2.5		C DMD 2.5	

- characteristics according to EN 61984:

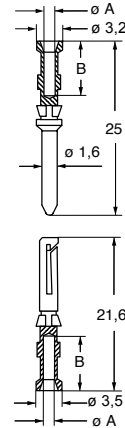
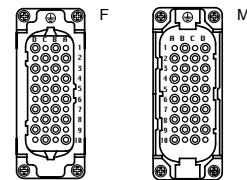
10A 250V 4kV 3
10A 230/400V 4kV 2

- cULus (UL for USA and Canada),
 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: ≤ 3 m Ω
- for applications requiring higher voltages, please see the special voltage application section on page 65
- **it is recommended to crimp the contacts with crimping tools homologated by ILME** (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)
- for max. current load see the connector inserts derating diagram below; for more information see page 28

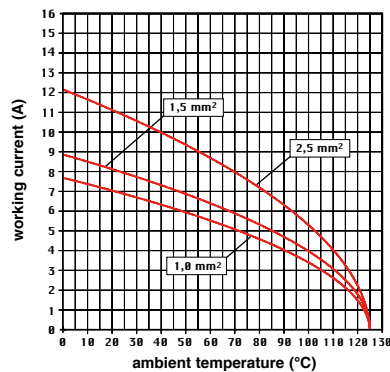


contacts side (front view)



CDF and CDM contacts		
conductor section mm ²	conductor slot ϕ A (mm)	conductors stripping length B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

CD 40 poles connector inserts
Maximum current load derating diagram



CR CP coding pin
with loss of one contact
(page 689)



⁺ for basic or high thickness gold plating, please refer to page 674

CD 50 poles + $\oplus$ 10A - 250Venclosures:
size "66.40"

page:

C-TYPE IP65/IP66

431 - 434

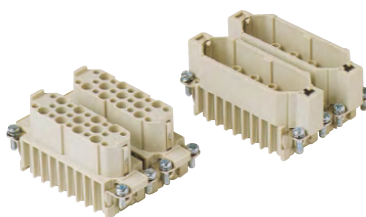
W-TYPE for aggressive environments

527

E-Xtreme® corrosion proof

548

inserts, crimp connections

10A crimp contacts
silver and gold plated

description

part No.

part No.

part No.

part No.

without contacts (to be ordered separately)
female inserts, No. (A1÷C9) and (ZA1÷ZC9) *
male inserts, No. (A1÷C9) and (ZA1÷ZC9) *

CDF 25
CDM 25CDF 25 Z
CDM 25 Z

10A female contacts

0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

10A male contacts

0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

CDFA 0.3
CDFA 0.5
CDFA 0.7
CDFA 1.0
CDFA 1.5
CDFA 2.5

silver plated

CDFD 0.3
CDFD 0.5
CDFD 0.7
CDFD 1.0
CDFD 1.5
CDFD 2.5

gold plated⁺

CDMA 0.3
CDMA 0.5
CDMA 0.7
CDMA 1.0
CDMA 1.5
CDMA 2.5

CDMD 0.3
CDMD 0.5
CDMD 0.7
CDMD 1.0
CDMD 1.5
CDMD 2.5

* coding compliant with EUROMAP recommendations

- characteristics according to EN 61984:

10A 250V 4kV 3**10A 230/400V 4kV 2**

- cULus (UL for USA and Canada),
 certified

- rated voltage according to UL/CSA: 600V

- insulation resistance: ≥ 10 G Ω

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

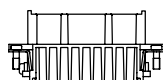
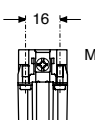
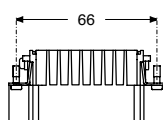
- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles- contact resistance: ≤ 3 m Ω

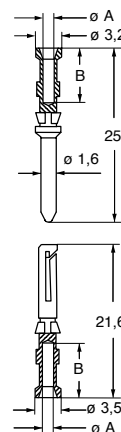
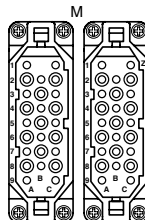
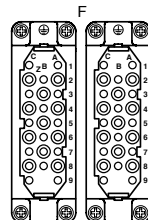
- for applications requiring higher voltages, please see the special voltage application section on page 65

- it is recommended to crimp the contacts with crimping tools homologated by ILME (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)

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



contacts side (front view)

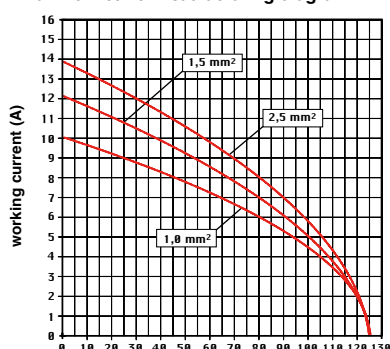


CDF and CDM contacts

conductor section	conductor slot	conductors stripping length
mm ²	ø A (mm)	B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

CD 50 poles connector inserts

Maximum current load derating diagram



CR CP coding pin
with loss of one contact
(page 689)



⁺ for basic or high thickness gold plating, please refer to page 674

CD 64 poles + 10A - 250V

enclosures:
size "104.27"

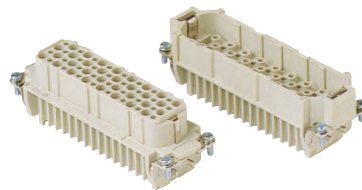
page:

C-TYPE IP65/IP66	412 - 423
C7 IP67, two levers	441 - 442
V-TYPE IP65/IP66, single lever	459 - 463
BIG hoods	472 - 473
T-TYPE IP65 insulating	486 - 487
T-TYPE / W IP66/IP69 insulating	492
HYGIENIC T-TYPE / H IP66/IP69	504
HYGIENIC T-TYPE / C IP66/IP69, -50 °C	509
W-TYPE for aggressive environments	524
E-Xtreme® corrosion proof	536 - 537, 545, 556 - 557
EMC	581
Central lever	612 - 614
LS-TYPE	624 - 625
IP68	644 - 647

panel supports:
COB

page:
652 - 653

inserts, crimp connections



10A crimp contacts
silver and gold plated



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

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

CDF 64
CDM 64

10A female contacts		
0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

10A male contacts		
0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

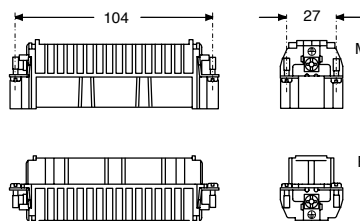
silver plated			gold plated ⁺	
C DFA 0.3			C DFD 0.3	
C DFA 0.5			C DFD 0.5	
C DFA 0.7			C DFD 0.7	
C DFA 1.0			C DFD 1.0	
C DFA 1.5			C DFD 1.5	
C DFA 2.5			C DFD 2.5	
C DMA 0.3			C DMD 0.3	
C DMA 0.5			C DMD 0.5	
C DMA 0.7			C DMD 0.7	
C DMA 1.0			C DMD 1.0	
C DMA 1.5			C DMD 1.5	
C DMA 2.5			C DMD 2.5	

- characteristics according to EN 61984:

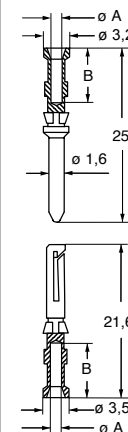
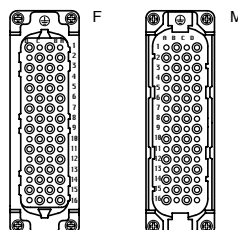
10A 250V 4kV 3
10A 230/400V 4kV 2

- cULus (UL for USA and Canada),
 certified

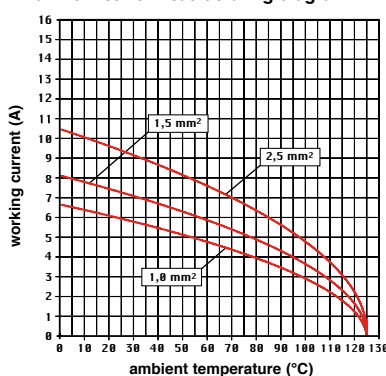
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 G Ω
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 3 m Ω
- for applications requiring higher voltages, please see the special voltage application section on page 65
- **it is recommended to crimp the contacts with crimping tools homologated by ILME** (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)
- for max. current load see the connector inserts derating diagram below; for more information see page 28



contacts side (front view)



CD 64 poles connector inserts
Maximum current load derating diagram



CR CP coding pin
with loss of one contact
(page 689)



CDF and CDM contacts		
conductor section mm ²	conductor slot ϕ A (mm)	conductors stripping length B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

⁺ for basic or high thickness gold plating, please refer to page 674

CD 80 poles + $\oplus$ 10A - 250Venclosures:
size "77.62"

page:

C-TYPE IP65/IP66

424 - 429

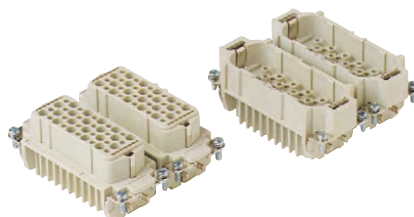
W-TYPE for aggressive environments

525

E-Xtreme® corrosion proof

546

inserts, crimp connections

10A crimp contacts
silver and gold plated

description

part No.

part No.

part No.

part No.

without contacts (to be ordered separately)

female inserts

CDF 40
CDM 40CDF 40
CDM 40

male inserts

10A female contacts

0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

10A male contacts

0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

CDFA 0.3
CDFA 0.5
CDFA 0.7
CDFA 1.0
CDFA 1.5
CDFA 2.5

silver plated

CDFD 0.3
CDFD 0.5
CDFD 0.7
CDFD 1.0
CDFD 1.5
CDFD 2.5

gold plated+

CDMA 0.3
CDMA 0.5
CDMA 0.7
CDMA 1.0
CDMA 1.5
CDMA 2.5CDMD 0.3
CDMD 0.5
CDMD 0.7
CDMD 1.0
CDMD 1.5
CDMD 2.5

- characteristics according to EN 61984:

10A 250V 4kV 3**10A 230/400V 4kV 2**- cULus (UL for USA and Canada),
 EAC certified

- rated voltage according to UL/CSA: 600V

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

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

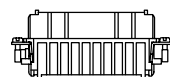
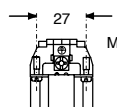
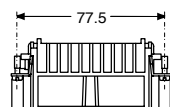
- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles- contact resistance: $\leq 3 \text{ m}\Omega$

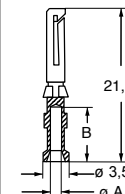
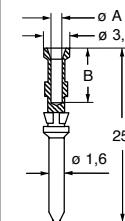
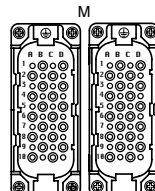
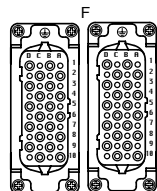
- for applications requiring higher voltages, please see the special voltage application section on page 65

- it is recommended to crimp the contacts with crimping tools homologated by ILME (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)

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



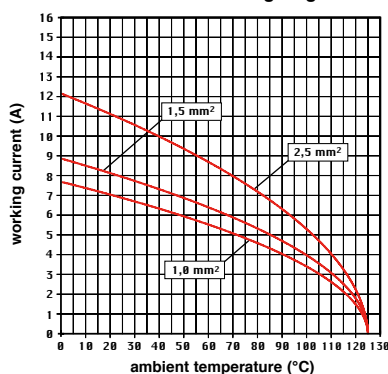
contacts side (front view)



CDF and CDM contacts

conductor section	conductor slot	conductors stripping length
mm ²	ø A (mm)	B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

+ for basic or high thickness gold plating, please refer to page 674

CD 80 poles connector inserts**Maximum current load derating diagram**CR CP coding pin
with loss of one contact
(page 689)

CD 128 poles + ⊕ 10A - 250V

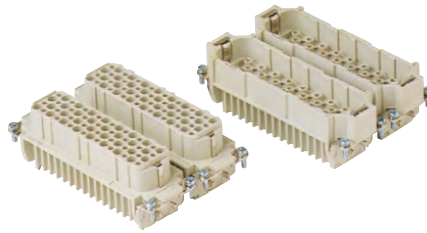
enclosures:
size "104.62"

page:

C-TYPE IP65/IP66
W-TYPE for aggressive environments
E-Xtreme® corrosion proof

430
526
547

inserts, crimp connections



10A crimp contacts
silver and gold plated



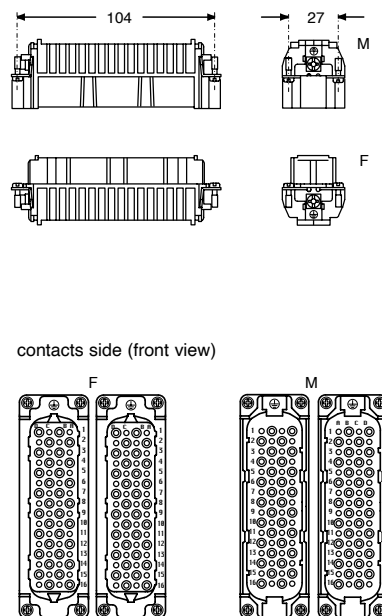
description	part No.	part No.	part No.	part No.
without contacts (to be ordered separately)				
female inserts	CDF 64	CDF 64		
male inserts	CDM 64	CDM 64		
10A female contacts				
0,14-0,37 mm ² AWG 26-22 identification No. 1			CDFA 0.3	CDFD 0.3
0,5 mm ² AWG 20 identification No. 2			CDFA 0.5	CDFD 0.5
0,75 mm ² AWG 18 identification No. ②			CDFA 0.7	CDFD 0.7
1 mm ² AWG 18 identification No. 3			CDFA 1.0	CDFD 1.0
1,5 mm ² AWG 16 identification No. 4			CDFA 1.5	CDFD 1.5
2,5 mm ² AWG 14 identification No. 5			CDFA 2.5	CDFD 2.5
10A male contacts				
0,14-0,37 mm ² AWG 26-22 identification No. 1			CDMA 0.3	CDMD 0.3
0,5 mm ² AWG 20 identification No. 2			CDMA 0.5	CDMD 0.5
0,75 mm ² AWG 18 identification No. ②			CDMA 0.7	CDMD 0.7
1 mm ² AWG 18 identification No. 3			CDMA 1.0	CDMD 1.0
1,5 mm ² AWG 16 identification No. 4			CDMA 1.5	CDMD 1.5
2,5 mm ² AWG 14 identification No. 5			CDMA 2.5	CDMD 2.5

- characteristics according to EN 61984:

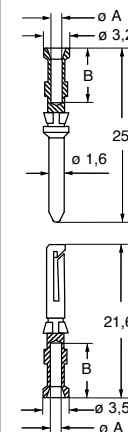
10A 250V 4kV 3
10A 230/400V 4kV 2

- cULus (UL for USA and Canada),
 certified

- rated voltage according to UL/CSA: 600V
- 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: ≤ 3 mΩ
- for applications requiring higher voltages, please see the special voltage application section on page 65
- **it is recommended to crimp the contacts with crimping tools homologated by ILME** (please see the crimping tool section 10A contacts, CDF and CDM series on pages 708 - 741)
- for max. current load see the connector inserts derating diagram below; for more information see page 28

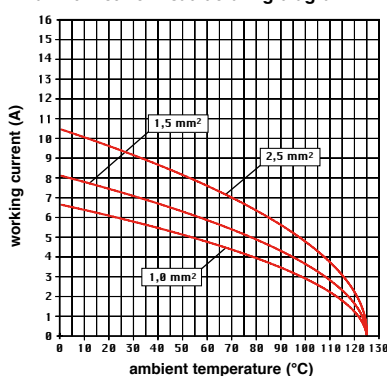


contacts side (front view)



CDF and CDM contacts		
conductor section	conductor slot	conductors stripping length
mm ²	ø A (mm)	B (mm)
0,14-0,37	0,9	8
0,5	1,1	8
0,75	1,3	8
1,0	1,45	8
1,5	1,8	8
2,5	2,2	6

CD 128 poles connector inserts
Maximum current load derating diagram



CR CP coding pin
with loss of one contact
(page 689)



+ for basic or high thickness gold plating, please refer to page 674