

CDD inserts

Special voltages

When all the contacts are used, the CDD inserts series connectors may be used with voltage up to 250V (first column); pollution degree 2, in accordance with the standard EN 61984.

If the number of contacts is reduced and the contacts accordingly assigned, these connectors may be used with higher voltages.

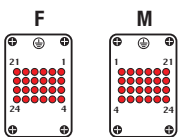
This is possible because the decrease in the number of contacts leads to an increase in the surface insulation distance in the air.

When the contacts are arranged as shown below, the inserts may be used at rated voltages of 400V (second column) and 500V (third column); pollution degree 2, in accordance with the standard EN 61984.

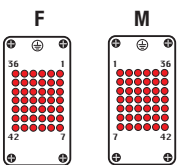
for use up to 250V
pollution degree 2

diagrams
contacts side (front view)

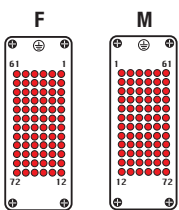
CDD - 24 + ⊕



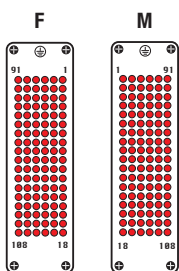
CDD - 42 + ⊕



CDD - 72 + ⊕



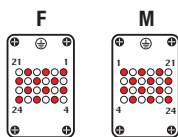
CDD - 108 + ⊕



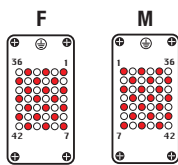
for use up to 400V
pollution degree 2

diagrams
contacts side (front view)

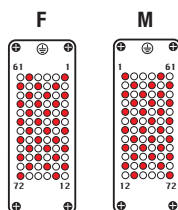
CDD - 12 + ⊕



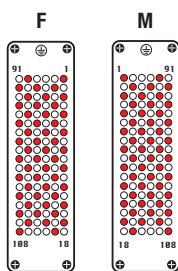
CDD - 21 + ⊕



CDD - 34 + ⊕



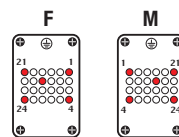
CDD - 52 + ⊕



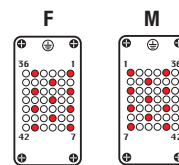
for use up to 500V
pollution degree 2

diagrams
contacts side (front view)

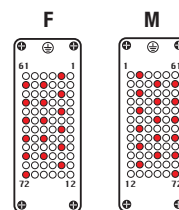
CDD - 5 + ⊕



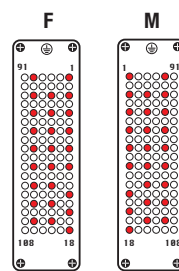
CDD - 11 + ⊕



CDD - 17 + ⊕



CDD - 26 + ⊕



Legend:

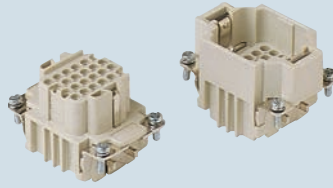
- working contact
- without contact
- M = male insert
- F = female insert

enclosures:
size "44.27" page:

C-TYPE IP65/IP66 240 - 243
 C7 IP67, single lever 274
 V-TYPE IP65/IP66, single lever 280/284 - 286
 BIG hoods 304 - 306
 T-TYPE IP65 insulating 326 - 327
 T-TYPE / W IP66 insulating 336 - 337
 HYGIENIC T-TYPE / H IP66/IP69 350 - 351
 HYGIENIC T-TYPE / C IP66/IP69, -50 °C 358 - 359
 W-TYPE for aggressive environments 373
 EMC 392
 central lever 404 - 405
 IP68 420 - 423
 LS-TYPE 450 - 451

panel supports: page:
COB 462 - 463

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

CDDF 24
CDDM 24

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

CDFA 0.3	silver plated	CDFD 0.3	gold plated 1)
CDFA 0.5		CDFD 0.5	
CDFA 0.7		CDFD 0.7	
CDFA 1.0		CDFD 1.0	
CDFA 1.5		CDFD 1.5	
CDFA 2.5		CDFD 2.5	

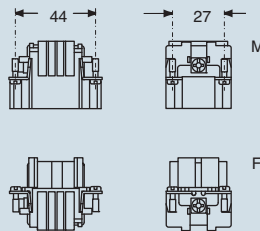
10A male contacts

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

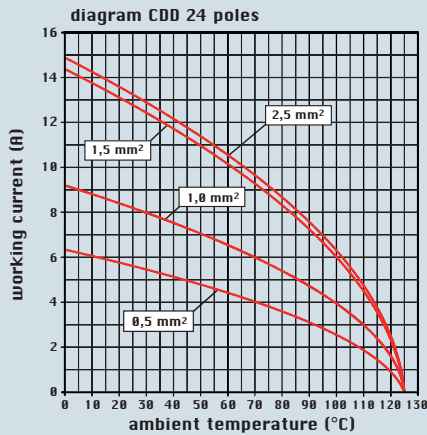
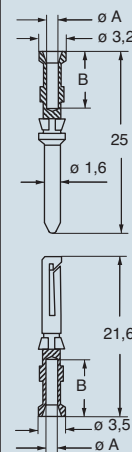
CDMA 0.3	silver plated	CDMD 0.3	gold plated 1)
CDMA 0.5		CDMD 0.5	
CDMA 0.7		CDMD 0.7	
CDMA 1.0		CDMD 1.0	
CDMA 1.5		CDMD 1.5	
CDMA 2.5		CDMD 2.5	

- characteristics according to EN 61984:
10A 250V 4kV 2
- UL, CSA, CCC *, GL, EAC certified
 * CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 3 mΩ
- for applications requiring higher voltages, please see the special voltage application section on page 66
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 534, 538, 544, 546, 548
- for maximum current load, see the following load curves inserts, for more information see page 558

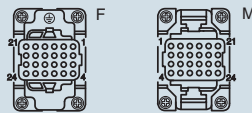
dimensions in mm



dimensions in mm



contacts side (front view)



coding pin **CR CP** with loss of one contact, page 491



CDF and CDM contacts

conductor section mm ²	conductor slot ø 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

1) basic or high thickness gold plating page 480

- PCBs interface, see article CIF 2.4

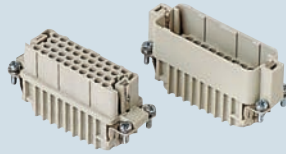
dimensions shown are not binding and may be changed without notice

enclosures:
size "66.16" page:

IL-BRID 233 - 235
W-TYPE for aggressive environments 371
EMC 391

panel supports: page:
COB + adaptor 462 - 464

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

CDDF 38
CDDM 38

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 1)

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

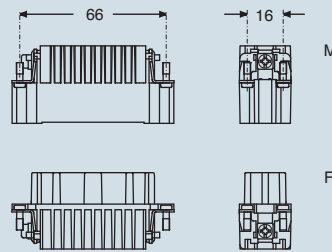
CDMD 0.3
CDMD 0.5
CDMD 0.7
CDMD 1.0
CDMD 1.5
CDMD 2.5

- characteristics according to EN 61984:

10A 250V 4kV 2

- UL, CSA, CCC *, GL, EAC certified
- * CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 3 mΩ
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 534, 538, 544, 546, 548
- for maximum current load, see the following load curves inserts, for more information see page 558

dimensions in mm



dimensions in mm

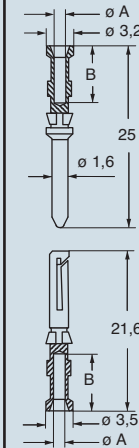
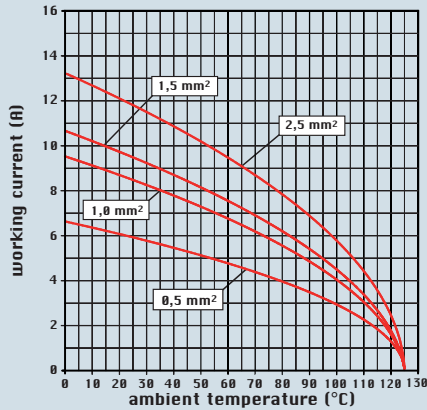
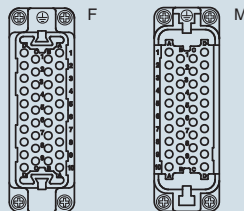


diagram CDD 38 poles



contacts side (front view)



coding pin **CR CP** with loss of one contact, page 491



CDF and CDM contacts

conductor section mm ²	conductor slot ø 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

1) basic or high thickness gold plating page 480

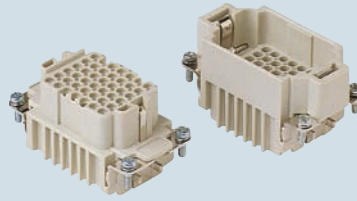
dimensions shown are not binding
and may be changed without notice

enclosures:
size "57.27" page:

C-TYPE IP65/IP66 244 - 249
 C7 IP67, two levers 275
 V-TYPE IP65/IP66, single lever 281/288 - 291
 BIG hoods 308 - 311
 T-TYPE IP65 insulating 328 - 329
 T-TYPE / W IP66 insulating 338 - 339
 HYGIENIC T-TYPE / H IP66/IP69 352 - 353
 HYGIENIC T-TYPE / C IP66/IP69, -50 °C 360 - 361
 W-TYPE for aggressive environments 374
 EMC 393
 central lever 406 - 407
 IP68 424 - 427
 LS-TYPE 452 - 453

panel supports: page:
COB 462 - 463

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

CDDF 42
CDDM 42

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

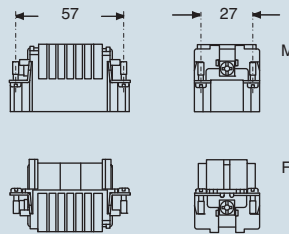
0,14-0,37 mm ²	AWG 26-22	identification No. 1
0,5 mm ²	AWG 20	identification No. 2
0,75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1,5 mm ²	AWG 16	identification No. 4
2,5 mm ²	AWG 14	identification No. 5

CDFA 0.3	silver plated	CDFD 0.3	gold plated 1)
CDFA 0.5		CDFD 0.5	
CDFA 0.7		CDFD 0.7	
CDFA 1.0		CDFD 1.0	
CDFA 1.5		CDFD 1.5	
CDFA 2.5		CDFD 2.5	

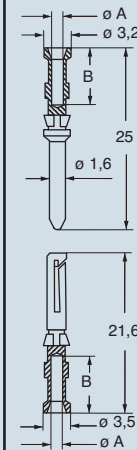
CDMA 0.3	silver plated	CDMD 0.3	gold plated 1)
CDMA 0.5		CDMD 0.5	
CDMA 0.7		CDMD 0.7	
CDMA 1.0		CDMD 1.0	
CDMA 1.5		CDMD 1.5	
CDMA 2.5		CDMD 2.5	

- characteristics according to EN 61984:
- 10A 250V 4kV 2**
- UL, CSA, CCC *, GL, EAC certified
- * CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 3 mΩ
- for applications requiring higher voltages, please see the special voltage application section on page 66
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 534, 538, 544, 546, 548
- for maximum current load, see the following load curves inserts, for more information see page 558

dimensions in mm



dimensions in mm



contacts side (front view)

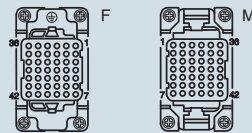
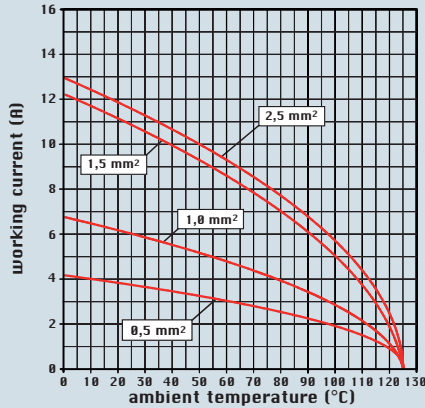


diagram CDD 42 poles



coding pin **CR CP** with loss of one contact, page 491



- PCBs interface, see article CIF 2.4

dimensions shown are not binding
 and may be changed without notice

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

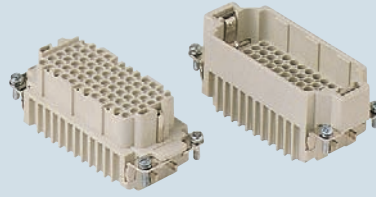
1) basic or high thickness gold plating page 480

enclosures:
size "77.27" page:

C-TYPE IP65/IP66 250 - 256
 C7 IP67, two levers 276
 V-TYPE IP65/IP66, single lever 282/292 - 295
 BIG hoods 312 - 315
 T-TYPE IP65 insulating 330 - 331
 T-TYPE / W IP66 insulating 340 - 341
 HYGIENIC T-TYPE / H IP66/IP69 354 - 355
 HYGIENIC T-TYPE / C IP66/IP69, -50 °C 362 - 363
 W-TYPE for aggressive environments 375
 EMC 394
 central lever 408 - 409
 IP68 428 - 431
 LS-TYPE 454 - 455

panel supports: page:
COB 462 - 463

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

CDDF 72
 CDDM 72

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

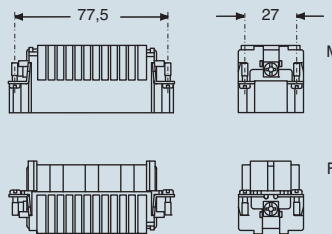
10A male contacts

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 1)	
CDFA 0.3	CDFA 0.5	CDFA 0.7	CDFA 1.0
CDFA 1.5	CDFA 2.5	CDFD 0.3	CDFD 0.5
		CDFD 0.7	CDFD 1.0
		CDFD 1.5	CDFD 2.5
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

- characteristics according to EN 61984:
- 10A 250V 4kV 2**
- UL, CSA, CCC *, GL, EAC certified
- * CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 3 mΩ
- for applications requiring higher voltages, please see the special voltage application section on page 66
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 534, 538, 544, 546, 548
- for maximum current load, see the following load curves inserts, for more information see page 558

dimensions in mm



dimensions in mm

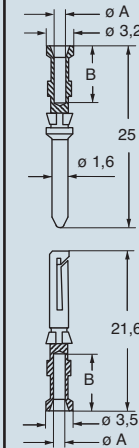
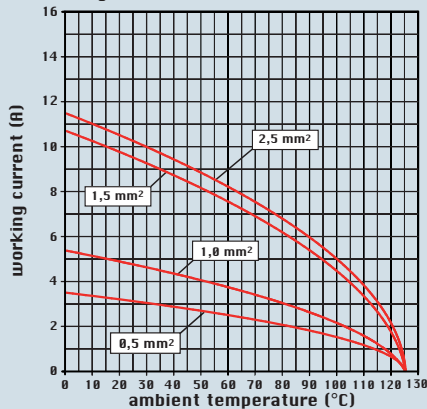
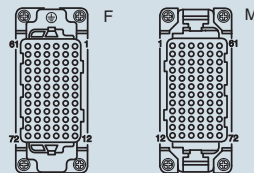


diagram CDD 72 poles



contacts side (front view)



coding pin CR CP with loss of one contact, page 491



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

1) basic or high thickness gold plating page 480

- PCBs interface, see article CIF 2.4

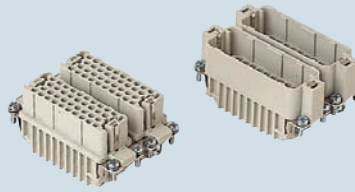
dimensions shown are not binding
 and may be changed without notice

enclosures:
size "66.40"

page:

C-TYPE IP65/IP66 237 - 239
W-TYPE for aggressive environments 372

inserts, crimp connections



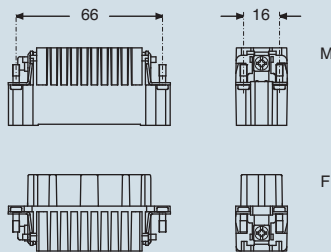
10A crimp contacts silver and gold plated



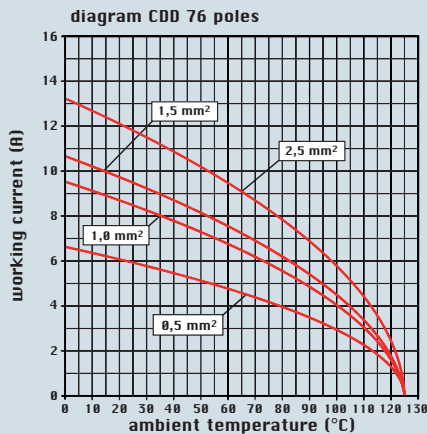
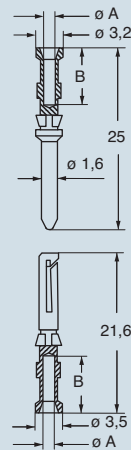
description	part No.	part No.	part No.	part No.
without contacts (to be ordered separately)				
female inserts	CDDF 38	CDDF 38		
male inserts	CDDM 38	CDDM 38		
10A female contacts				
0,14-0,37 mm ² AWG 26-22 identification No. 1			CDFA 0.3	CDFD 0.3
0,5 mm ² AWG 20 identification No. 2			CDFA 0.5	CDFD 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:
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- UL, CSA, CCC *, GL, EAC certified
- * CQC certification being applied for
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- contact resistance: ≤ 3 mΩ
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 534, 538, 544, 546, 548
- for maximum current load, see the following load curves inserts, for more information see page 558

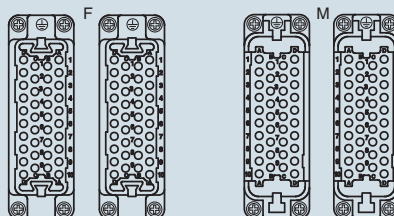
dimensions in mm



dimensions in mm



contacts side (front view)



coding pin **CR CP** with loss of one contact, page 491



CDF and CDM contacts

conductor section mm ²	conductor slot ø 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

1) basic or high thickness gold plating page 480

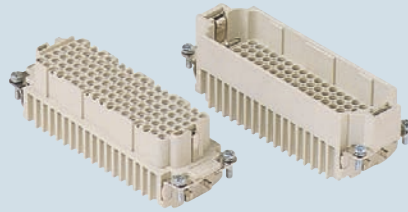
dimensions shown are not binding and may be changed without notice

enclosures:
size "104.27" page:

C-TYPE IP65/IP66 258 - 266
 C7 IP67, two levers 277
 V-TYPE IP65/IP66, single lever 283/296 - 299
 BIG hoods 316 - 319
 T-TYPE IP65 insulating 332 - 333
 T-TYPE / W IP66 insulating 342 - 343
 HYGIENIC T-TYPE / H IP66/IP69 356 - 357
 HYGIENIC T-TYPE / C IP66/IP69, -50 °C 364 - 365
 W-TYPE for aggressive environments 376
 EMC 395
 central lever 410 - 412
 IP68 432 - 435
 LS-TYPE 456 - 457

panel supports: page:
COB 462 - 463

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

CDDF 108
CDDM 108

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

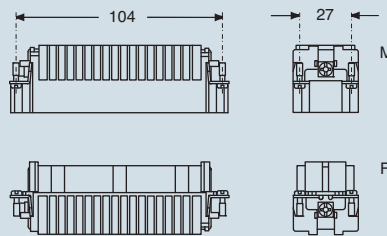
gold plated 1)

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

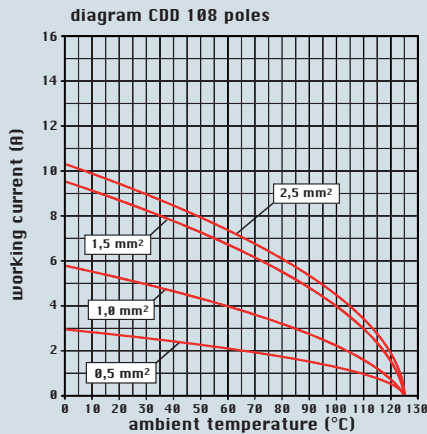
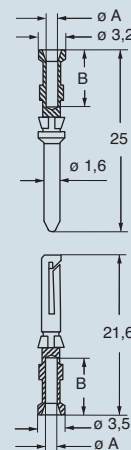
CDMD 0.3
CDMD 0.5
CDMD 0.7
CDMD 1.0
CDMD 1.5
CDMD 2.5

- characteristics according to EN 61984:
10A 250V 4kV 2
- UL, CSA, CCC *, GL, EAC certified
- * CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 3 mΩ
- for applications requiring higher voltages, please see the special voltage application section on page 66
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 534, 538, 544, 546, 548
- for maximum current load, see the following load curves inserts, for more information see page 558

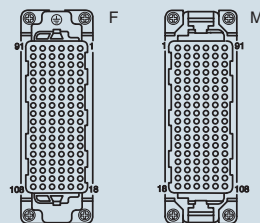
dimensions in mm



dimensions in mm



contacts side (front view)



coding pin CR CP with loss of one contact, page 491



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

1) basic or high thickness gold plating page 480

- PCBs interface, see article CIF 2.4

dimensions shown are not binding
and may be changed without notice

CDD

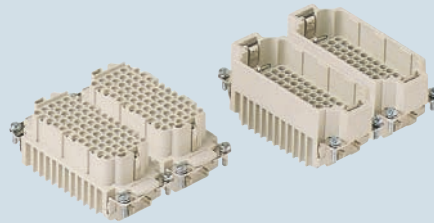
enclosures:
size "77.62"

page:

C-TYPE IP65/IP66 267 - 270

W-TYPE for aggressive environments 377

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. (1-72) and (73-144)
male inserts, No. (1-72) and (73-144)

CDDF 72
CDDM 72

CDDF 72 N
CDDM 72 N

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 1)

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

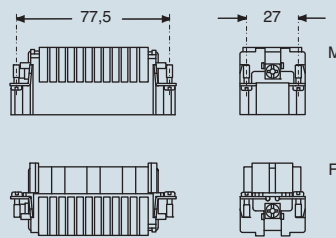
CDMD 0.3
CDMD 0.5
CDMD 0.7
CDMD 1.0
CDMD 1.5
CDMD 2.5

- characteristics according to EN 61984:

10A 250V 4kV 2

- UL, CSA, CCC *, GL, EAC certified
- * CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 3 mΩ
- for applications requiring higher voltages, please see the special voltage application section on page 66
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 534, 538, 544, 546, 548
- for maximum current load, see the following load curves inserts, for more information see page 558

dimensions in mm



dimensions in mm

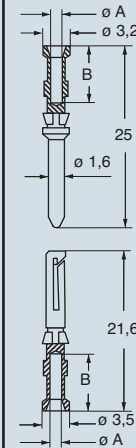
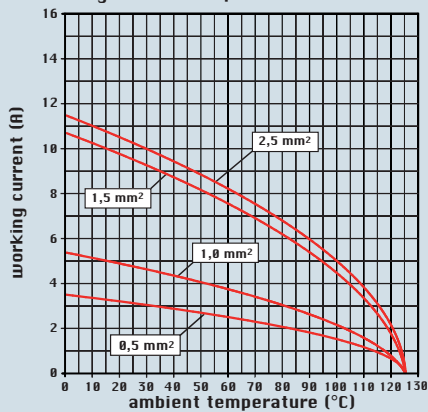
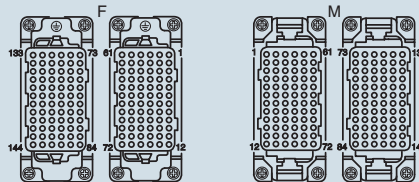


diagram CDD 144 poles



contacts side (front view)



coding pin **CR CP** with loss of one contact, page 491



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

1) basic or high thickness gold plating page 480

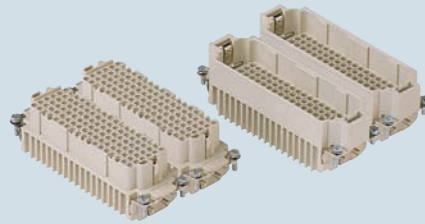
- PCBs interface, see article CIF 2.4

dimensions shown are not binding
and may be changed without notice

enclosures:
size "104.62" page:

C-TYPE IP65/IP66..... 271
W-TYPE for aggressive environments 378

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. (1-108) and (109-216)
male inserts, No. (1-108) and (109-216)

CDDF 108 CDDF 108 N
CDDM 108 CDDM 108 N

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

CDFA 0.3	silver plated	CDFD 0.3	gold plated 1)
CDFA 0.5		CDFD 0.5	
CDFA 0.7		CDFD 0.7	
CDFA 1.0		CDFD 1.0	
CDFA 1.5		CDFD 1.5	
CDFA 2.5		CDFD 2.5	

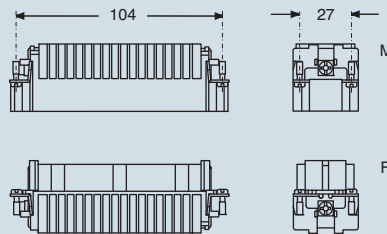
10A male contacts

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

CDMA 0.3	silver plated	CDMD 0.3	gold plated 1)
CDMA 0.5		CDMD 0.5	
CDMA 0.7		CDMD 0.7	
CDMA 1.0		CDMD 1.0	
CDMA 1.5		CDMD 1.5	
CDMA 2.5		CDMD 2.5	

- characteristics according to EN 61984:
10A 250V 4kV 2
- UL, CSA, CCC *, GL, EAC certified
- * CQC certification being applied for
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 3 mΩ
- for applications requiring higher voltages, please see the special voltage application section on page 66
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 534, 538, 544, 546, 548
- for maximum current load, see the following load curves inserts, for more information see page 558

dimensions in mm



dimensions in mm

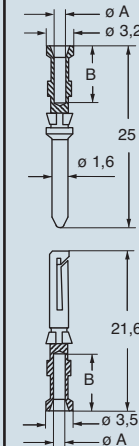
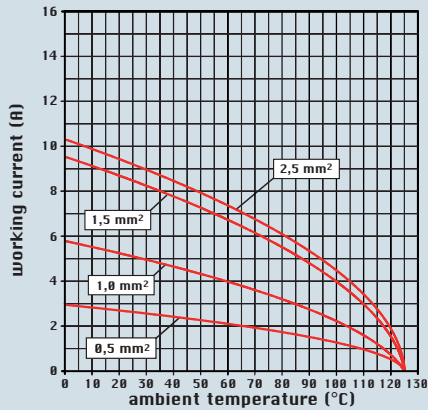
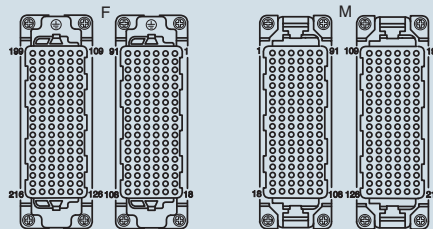


diagram CDD 216 poles



contacts side (front view)



coding pin CR CP with loss of one contact, page 491



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

1) basic or high thickness gold plating page 480

- PCBs interface, see article CIF 2.4

dimensions shown are not binding
and may be changed without notice

CDD