

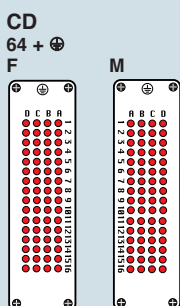
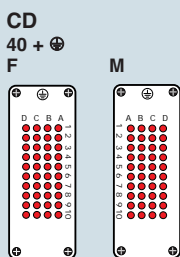
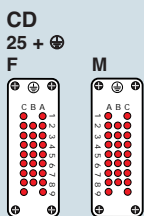
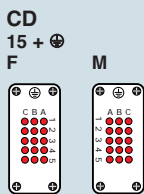
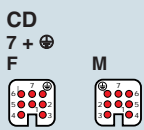
If all the contacts are used, the CD inserts series connectors may be used with voltages of up to 250V (first column) pollution degree 3 in accordance with the standard EN 61984.
 If the number of contacts is reduced and the contacts accordingly assigned, these connectors may be used with higher voltages. This is possible because the decrease in the number of contacts leads to an increase in the surface distance in the air. When the contacts are arranged as shown below, the inserts may be used for voltages of 500V (second column) pollution degree 3 in accordance with the standard EN 61984.

Legend:

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

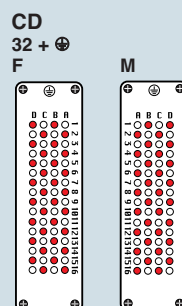
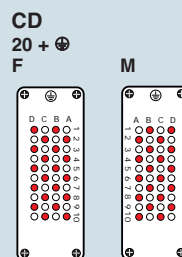
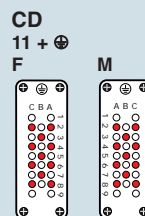
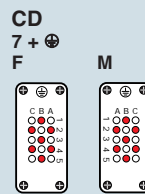
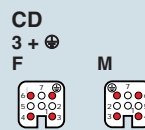
for use up to 250V
 pollution degree 3

diagrams
 contacts side (front view)



for use up to 500V
 pollution degree 3

diagrams
 contacts side (front view)

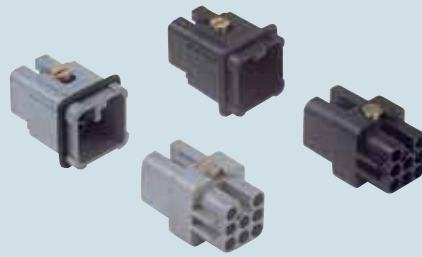


enclosures size "21.21"

insulating type page: 153 ÷ 154

- features according to EN 61984:
- 10A 250V 4kV 3**
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 29
- for applications requiring higher voltages, please see the special voltage application section on page 38
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 296, 300, 304, 306, 308
- coding pin with loss of a contact CR CP

inserts, crimp connections



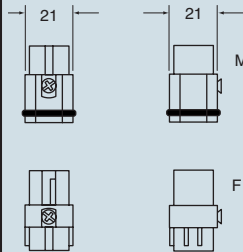
10A crimp contacts silver and gold plated



description	part No.	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts for female contacts, grey and black ¹⁾ male inserts for male contacts, grey and black	grey CDF 07 CDM 07	black CDF 07 N CDM 07 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			CDF A 0.3 CDF A 0.5 CDF A 0.7 CDF A 1.0 CDF A 1.5 CDF A 2.5	CDF D 0.3 CDF D 0.5 CDF D 0.7 CDF D 1.0 CDF D 1.5 CDF D 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			CDM A 0.3 CDM A 0.5 CDM A 0.7 CDM A 1.0 CDM A 1.5 CDM A 2.5	CDM D 0.3 CDM D 0.5 CDM D 0.7 CDM D 1.0 CDM D 1.5 CDM D 2.5

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

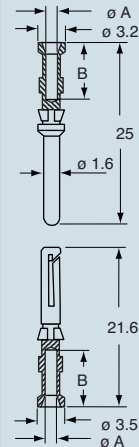
dimensions in mm



contacts side (front view)



dimensions in mm



CDF and CDM contacts

conductor section mm ²	conductor slot 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

- stripping length see section feature of inserts on page 13

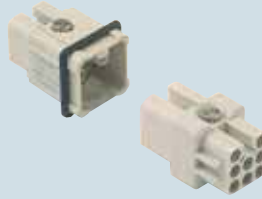
dimensions indicated are not binding and may be changed without notice

enclosures size "21.21"

- insulating type page: 153 ÷ 154
- metallic type page: 155 ÷ 156
- aggressive environments page: 157
- EMC page: 158

- features according to EN 61984:
10A 50V 0,8kV 3
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 29
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 296, 300, 304, 306, 308
- coding pin with loss of a contact CR CP

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⁾
male inserts for male contacts

CDF 08
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

CDF	silver plated	gold plated
CDFA 0.3		CDFD 0.3
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

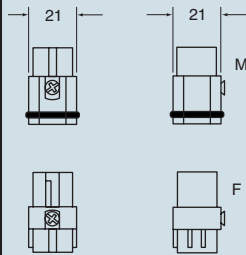
10A male contacts

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

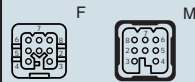
CDM	gold plated
CDMA 0.3	CDMD 0.3
CDMA 0.5	CDMD 0.5
CDMA 0.7	CDMD 0.7
CDMA 1.0	CDMD 1.0
CDMA 1.5	CDMD 1.5
CDMA 2.5	CDMD 2.5

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

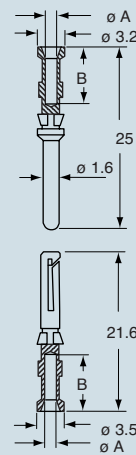
dimensions in mm



contacts side (front view)



dimensions in mm



CDF and CDM contacts

conductor section mm ²	conductor slot	
	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

- stripping length see section feature of inserts on page 13

dimensions indicated are not binding and may be changed without notice

CD

enclosures size "49.16"

standard page: 162 ÷ 163
 aggressive environments page: 164
 EMC page: 165

panel supports:

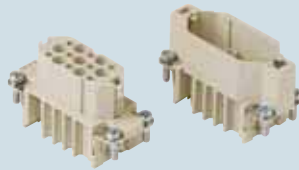
COB + adaptor page: 258 ÷ 260

- features according to EN 61984:

10A 250V 4kV 3

- compliant with DIN EC 175-301-801 standard
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 29
- for applications requiring higher voltages, please see the special voltage application section on page 38
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 296, 300, 304, 306, 308

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 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

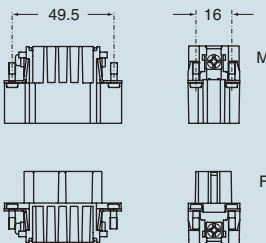
CDFA 0.3	silver plated	CDFD 0.3	gold plated
CDFA 0.5		CDFD 0.5	
CDFA 0.7		CDFD 0.7	
CDFA 1.0		CDFD 1.0	
CDFA 1.5		CDFD 1.5	
CDFA 2.5		CDFD 2.5	

10A male contacts

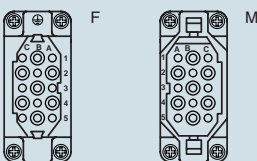
0.14÷0.37 mm ²	AWG 26÷22	identification No. 1
0.5 mm ²	AWG 20	identification No. 2
0.75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1.5 mm ²	AWG 16	identification No. 4
2.5 mm ²	AWG 14	identification No. 5

CDMA 0.3	silver plated	CDMD 0.3	gold plated
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	

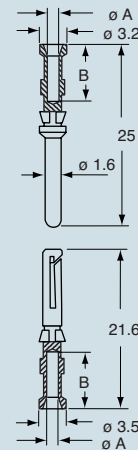
dimensions in mm



contacts side (front view)



dimensions in mm



CDF and CDM contacts

conductor section mm ²	conductor slot	
	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

- stripping length see section feature of inserts on pages 13

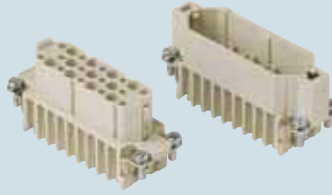
dimensions indicated are not binding and may be changed without notice

enclosures size "66.16"

standard page: 166 ÷ 167
 aggressive environments page: 168
 EMC page: 169
 panel supports:
 COB + adaptor page: 258 ÷ 260

- features according to EN 61984:
- 10A 250V 4kV 3**
- compliant with DIN EC 175-301-801 standard
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 29
- for applications requiring higher voltages, please see the special voltage application section on page 38
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 296, 300, 304, 306, 308

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

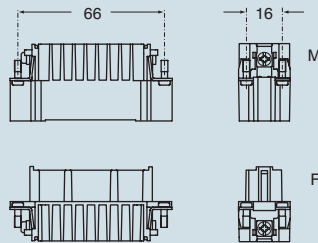
CDFA 0.3	silver plated	CDFD 0.3	gold plated
CDFA 0.5		CDFD 0.5	
CDFA 0.7		CDFD 0.7	
CDFA 1.0		CDFD 1.0	
CDFA 1.5		CDFD 1.5	
CDFA 2.5		CDFD 2.5	

10A male contacts

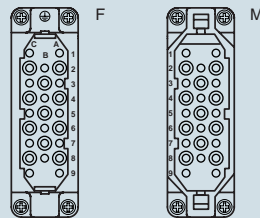
0.14÷0.37 mm ²	AWG 26÷22	identification No. 1
0.5 mm ²	AWG 20	identification No. 2
0.75 mm ²	AWG 18	identification No. ②
1 mm ²	AWG 18	identification No. 3
1.5 mm ²	AWG 16	identification No. 4
2.5 mm ²	AWG 14	identification No. 5

CDMA 0.3	silver plated	CDMD 0.3	gold plated
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	

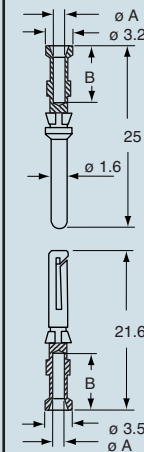
dimensions in mm



contacts side (front view)



dimensions in mm



CDF and CDM contacts

conductor section mm ²	conductor slot	
	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

- stripping length see section feature of inserts on page 13

dimensions indicated are not binding and may be changed without notice

enclosures size "77.27"

standard page: 198 ÷ 202
 aggressive environments page: 209
 EMC page: 210

panel supports:

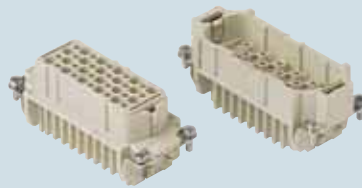
COB page: 258 ÷ 259

- features according to EN 61984:

10A 250V 4kV 3

- compliant with DIN EC 175-301-801 standard
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 29
- for applications requiring higher voltages, please see the special voltage application section on page 38
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 296, 300, 304, 306, 308

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 40
 CDM 40

10A female contacts

0.14÷0.37 mm ²	AWG 26÷22	identificativo 1
0.5 mm ²	AWG 20	identificativo 2
0.75 mm ²	AWG 18	identificativo ②
1 mm ²	AWG 18	identificativo 3
1.5 mm ²	AWG 16	identificativo 4
2.5 mm ²	AWG 14	identificativo 5

10A male contacts

0.14÷0.37 mm ²	AWG 26÷22	identificativo 1
0.5 mm ²	AWG 20	identificativo 2
0.75 mm ²	AWG 18	identificativo ②
1 mm ²	AWG 18	identificativo 3
1.5 mm ²	AWG 16	identificativo 4
2.5 mm ²	AWG 14	identificativo 5

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

silver plated

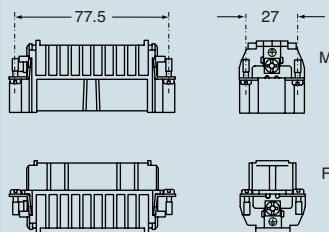
CDFD 0.3
 CDFD 0.5
 CDFD 0.7
 CDFD 1.0
 CDFD 1.5
 CDFD 2.5

gold plated

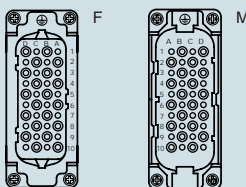
CDMA 0.3
 CDMA 0.5
 CDMA 0.7
 CDMA 1.0
 CDMA 1.5
 CDMA 2.5

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

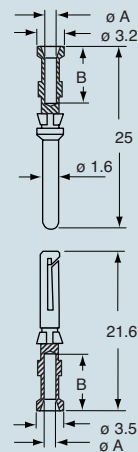
dimensions in mm



contacts side (front view)



dimensions in mm



CDF and CDM contacts

conductor section mm ²	conductor slot 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

- stripping length see section feature of inserts on page 13

dimensions indicated are not binding and may be changed without notice

enclosures size "104.27"

standard page: 212 ÷ 216

aggressive environments page: 223

EMC page: 224

panel supports:

COB page: 258 ÷ 259

- features according to EN 61984:

10A 250V 4kV 3

- compliant with DIN EC 175-301-801 standard

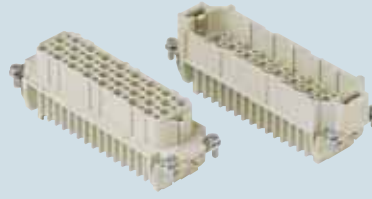
- UL, CSA, CCC, GL certified

- for maximum current load, see the insert load curve section on page 29

- for applications requiring higher voltages, please see the special voltage application section on page 38

- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 296, 300, 304, 306, 308

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 mm² AWG 26÷22 identification No. 1

0.5 mm² AWG 20 identification No. 2

0.75 mm² AWG 18 identification No. ②

1 mm² AWG 18 identification No. 3

1.5 mm² AWG 16 identification No. 4

2.5 mm² AWG 14 identification No. 5

10A male contacts

0.14÷0.37 mm² AWG 26÷22 identification No. 1

0.5 mm² AWG 20 identification No. 2

0.75 mm² AWG 18 identification No. ②

1 mm² AWG 18 identification No. 3

1.5 mm² AWG 16 identification No. 4

2.5 mm² 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

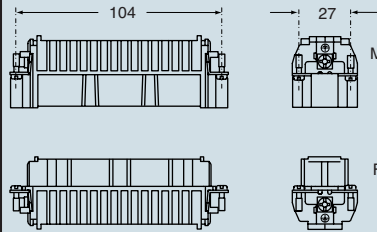
CDFD 0.3
CDFD 0.5
CDFD 0.7
CDFD 1.0
CDFD 1.5
CDFD 2.5

gold plated

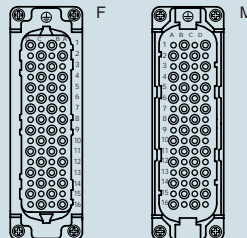
CDMA 0.3
CDMA 0.5
CDMA 0.7
CDMA 1.0
CDMA 1.5
CDMA 2.5

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

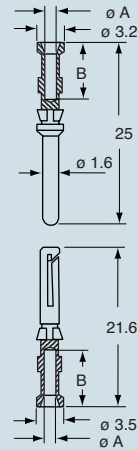
dimensions in mm



contacts side (front view)



dimensions in mm



CDF and CDM contacts

conductor section mm ²	conductor slot	
	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

- stripping length see section feature of inserts on page 13

dimensions indicated are not binding and may be changed without notice

CD

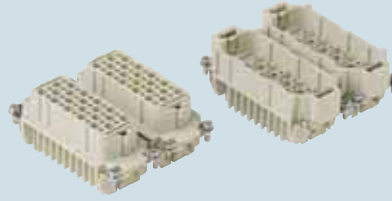
enclosures: size "77.62"

standard page: 226 ÷ 229

aggressive environments page: 230

- features according to EN 61984:
- 10A 250V 4kV 3**
- compliant with DIN EC 175-301-801 standard
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 29
- for applications requiring higher voltages, please see the special voltage application section on page 38
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 296, 300, 304, 306, 308

inserts, crimp connections



10A crimp contacts silver and gold plated

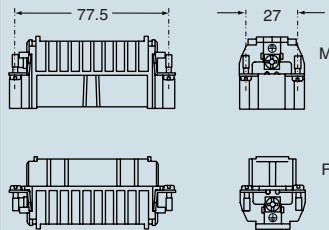


description	part No.	part No.	part No.	part No.
without contacts (to be ordered separately)				
female inserts	CDF 40	CDF 40		
male inserts	CDM 40	CDM 40		
10A female contacts				
0.14÷0.37 mm ² AWG 26÷22 identification No. 1			CDFA 0.3	CDFD 0.3
0.5 mm ² AWG 20 identification No. 2			CDFA 0.5	CDFD 0.5
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

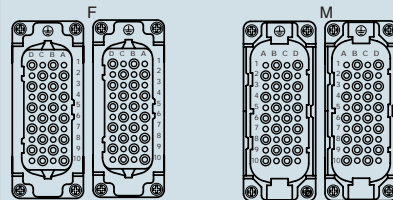
silver plated

gold plated

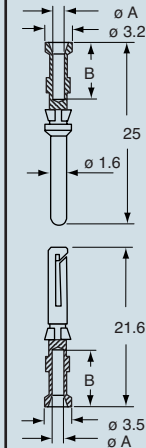
dimensions in mm



contacts side (front view)



dimensions in mm



CDF and CDM contacts

conductor section mm ²	conductor slot	
	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

- stripping length see section feature of inserts on page 13

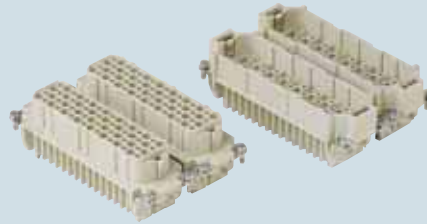
dimensions indicated are not binding and may be changed without notice

CD

enclosures: **size "104.62"**
standard page: 232
aggressive environments page: 234

- features according to EN 61984: **10A 250V 4kV 3**
- compliant with DIN EC 175-301-801 standard
- UL, CSA, CCC, GL certified
- for maximum current load, see the insert load curve section on page 29
- for applications requiring higher voltages, please see the special voltage application section on page 38
- for contact crimping instructions, please see the crimping tool section (10A contacts, CDF and CDM series) on pages 296, 300, 304, 306, 308

inserts, crimp connections

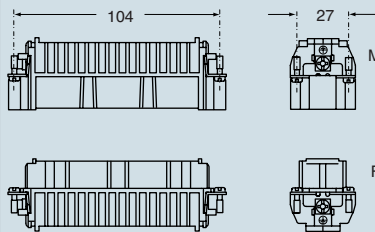


10A crimp contacts silver and gold plated

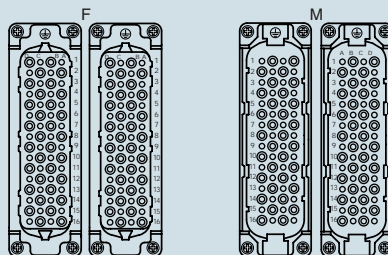


description	part No.	part No.	part No.	part No.
without contacts (to be ordered separately) female inserts male inserts	CDF 64 CDM 64	CDF 64 CDM 64		
10A female contacts 0.14÷0.37 mm ² AWG 26÷22 identification No. 1 0.5 mm ² AWG 20 identification No. 2 0.75 mm ² AWG 18 identification No. ② 1 mm ² AWG 18 identification No. 3 1.5 mm ² AWG 16 identification No. 4 2.5 mm ² AWG 14 identification No. 5			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
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 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

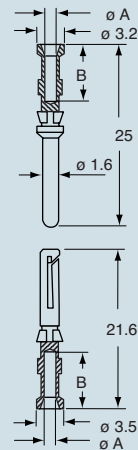
dimensions in mm



contacts side (front view)



dimensions in mm



CDF and CDM contacts

conductor section mm ²	conductor slot	
	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

- stripping length see section feature of inserts on page 13

dimensions indicated are not binding and may be changed without notice