

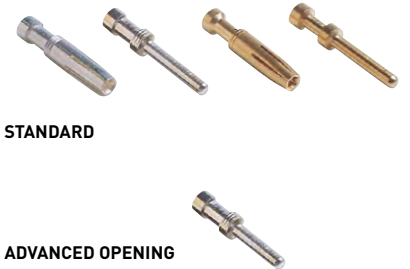
CDC 10 poles + ⊕ 16A - 250V

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, crimp connections



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



STANDARD

ADVANCED OPENING

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

CDCF 10
CCDM 10

16A female contacts

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

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

silver plated

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

gold plated+

16A male contacts

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

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

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

16A male crimp contacts for advanced opening

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

CC 0.5 AN
CC 0.7 AN
CC 1.0 AN
CC 1.5 AN
CC 2.5 AN

* for basic or high thickness gold plating, please refer to page 675

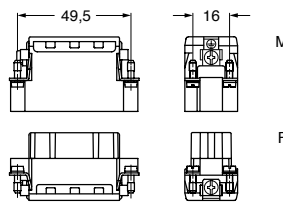
- characteristics according to EN 61984:

16A 250V 4kV 3
16A 230/400V 4kV 2

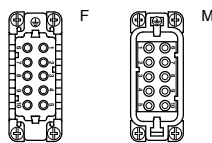
- us (UL for USA and Canada),

certified

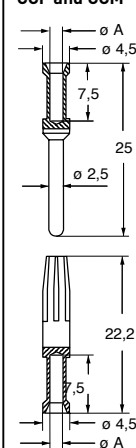
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 1 mΩ
- according to recommendations EUROMAP N° 16
- for max. current load see the connector inserts derating diagram below; for more information see page 28



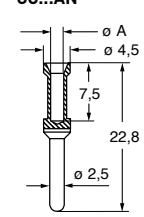
contacts side (front view)



CCF and CCM



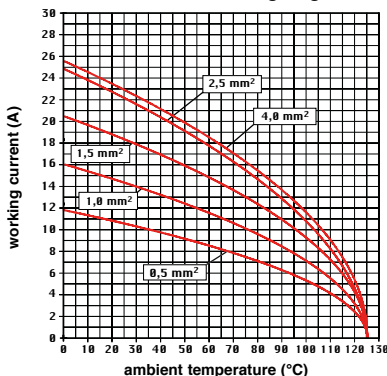
CC...AN



CCF, CCM and CC...AN contacts

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

CDC 10 poles connector inserts
Maximum current load derating diagram



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

CDC

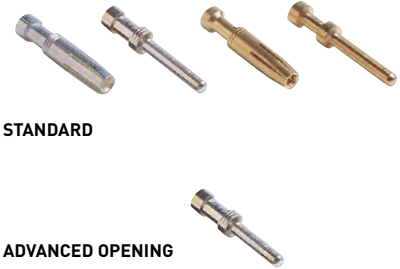
CDC 16 poles + ⊕ 16A - 250V

enclosures: size "66.16"	page:
IL-BRID	378 - 382
CZ7 IP67, single lever	385
W-TYPE for aggressive environments	520
E-Xtreme® corrosion proof	541
EMC	577
panel supports: COB + adaptor	page: 652 - 654

inserts, crimp connections



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



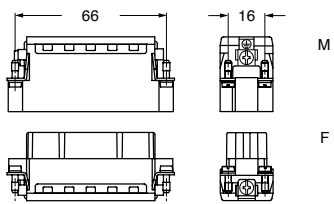
description	part No.	part No.
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without contacts (to be ordered separately)
female inserts for female contacts **CDCF 16**
male inserts for male contacts **CCDM 16**

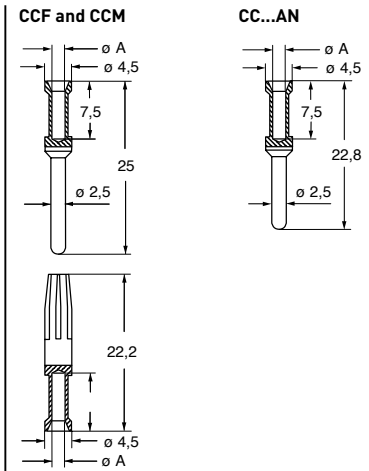
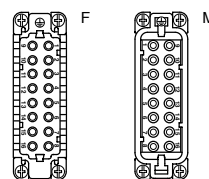
<p>16A female contacts</p> <table border="0"> <tr><td>0,14-0,37 mm²</td><td>AWG 26-22</td><td>one groove</td><td>CCFA 0.3</td><td>CCFD 0.3</td></tr> <tr><td>0,5 mm²</td><td>AWG 20</td><td>with no grooves</td><td>CCFA 0.5</td><td>CCFD 0.5</td></tr> <tr><td>0,75 mm²</td><td>AWG 18</td><td>one groove (back side)</td><td>CCFA 0.7</td><td>CCFD 0.7</td></tr> <tr><td>1 mm²</td><td>AWG 18</td><td>one groove</td><td>CCFA 1.0</td><td>CCFD 1.0</td></tr> <tr><td>1,5 mm²</td><td>AWG 16</td><td>two grooves</td><td>CCFA 1.5</td><td>CCFD 1.5</td></tr> <tr><td>2,5 mm²</td><td>AWG 14</td><td>three grooves</td><td>CCFA 2.5</td><td>CCFD 2.5</td></tr> <tr><td>3 mm²</td><td>AWG 12</td><td>one wide groove</td><td>CCFA 3.0</td><td>CCFD 3.0</td></tr> <tr><td>4 mm²</td><td>AWG 12</td><td>with no grooves</td><td>CCFA 4.0</td><td>CCFD 4.0</td></tr> </table> <p>16A male contacts</p> <table border="0"> <tr><td>0,14-0,37 mm²</td><td>AWG 26-22</td><td>one groove</td><td>CCMA 0.3</td><td>CCMD 0.3</td></tr> <tr><td>0,5 mm²</td><td>AWG 20</td><td>with no grooves</td><td>CCMA 0.5</td><td>CCMD 0.5</td></tr> <tr><td>0,75 mm²</td><td>AWG 18</td><td>one groove (back side)</td><td>CCMA 0.7</td><td>CCMD 0.7</td></tr> <tr><td>1 mm²</td><td>AWG 18</td><td>one groove</td><td>CCMA 1.0</td><td>CCMD 1.0</td></tr> <tr><td>1,5 mm²</td><td>AWG 16</td><td>two grooves</td><td>CCMA 1.5</td><td>CCMD 1.5</td></tr> <tr><td>2,5 mm²</td><td>AWG 14</td><td>three grooves</td><td>CCMA 2.5</td><td>CCMD 2.5</td></tr> <tr><td>3 mm²</td><td>AWG 12</td><td>one wide groove</td><td>CCMA 3.0</td><td>CCMD 3.0</td></tr> <tr><td>4 mm²</td><td>AWG 12</td><td>with no grooves</td><td>CCMA 4.0</td><td>CCMD 4.0</td></tr> </table> <p>16A male crimp contacts for advanced opening</p> <table border="0"> <tr><td>0,5 mm²</td><td>AWG 20</td><td>with no grooves</td><td>CC 0.5 AN</td><td></td></tr> <tr><td>0,75 mm²</td><td>AWG 18</td><td>one groove (back side)</td><td>CC 0.7 AN</td><td></td></tr> <tr><td>1 mm²</td><td>AWG 18</td><td>one groove</td><td>CC 1.0 AN</td><td></td></tr> <tr><td>1,5 mm²</td><td>AWG 16</td><td>two grooves</td><td>CC 1.5 AN</td><td></td></tr> <tr><td>2,5 mm²</td><td>AWG 14</td><td>three grooves</td><td>CC 2.5 AN</td><td></td></tr> </table>	0,14-0,37 mm ²	AWG 26-22	one groove	CCFA 0.3	CCFD 0.3	0,5 mm ²	AWG 20	with no grooves	CCFA 0.5	CCFD 0.5	0,75 mm ²	AWG 18	one groove (back side)	CCFA 0.7	CCFD 0.7	1 mm ²	AWG 18	one groove	CCFA 1.0	CCFD 1.0	1,5 mm ²	AWG 16	two grooves	CCFA 1.5	CCFD 1.5	2,5 mm ²	AWG 14	three grooves	CCFA 2.5	CCFD 2.5	3 mm ²	AWG 12	one wide groove	CCFA 3.0	CCFD 3.0	4 mm ²	AWG 12	with no grooves	CCFA 4.0	CCFD 4.0	0,14-0,37 mm ²	AWG 26-22	one groove	CCMA 0.3	CCMD 0.3	0,5 mm ²	AWG 20	with no grooves	CCMA 0.5	CCMD 0.5	0,75 mm ²	AWG 18	one groove (back side)	CCMA 0.7	CCMD 0.7	1 mm ²	AWG 18	one groove	CCMA 1.0	CCMD 1.0	1,5 mm ²	AWG 16	two grooves	CCMA 1.5	CCMD 1.5	2,5 mm ²	AWG 14	three grooves	CCMA 2.5	CCMD 2.5	3 mm ²	AWG 12	one wide groove	CCMA 3.0	CCMD 3.0	4 mm ²	AWG 12	with no grooves	CCMA 4.0	CCMD 4.0	0,5 mm ²	AWG 20	with no grooves	CC 0.5 AN		0,75 mm ²	AWG 18	one groove (back side)	CC 0.7 AN		1 mm ²	AWG 18	one groove	CC 1.0 AN		1,5 mm ²	AWG 16	two grooves	CC 1.5 AN		2,5 mm ²	AWG 14	three grooves	CC 2.5 AN		<p>silver plated</p>	<p>gold plated+</p>
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+ for basic or high thickness gold plating, please refer to page 675

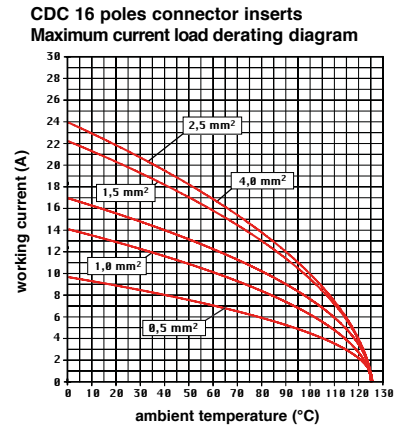
- characteristics according to EN 61984:
16A 250V 4kV 3
16A 230/400V 4kV 2
- (UL for USA and Canada), certified
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 1 mΩ
- 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)



CCF, CCM and CC...AN contacts		
conductor section mm ²	conductor slot ø A (mm)	conductors stripping length (mm)
0,14-0,37	0,9	7,5
0,5	1,1	7,5
0,75	1,3	7,5
1,0	1,45	7,5
1,5	1,8	7,5
2,5	2,2	7,5
3	2,55	7,5
4	2,85	7,5



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

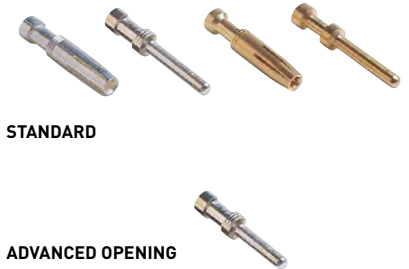
CDC 32 poles + ⊕ 16A - 250V

enclosures:
size "66.40" page:
C-TYPE IP65/IP66 431 - 434
W-TYPE for aggressive environments 527
E-Xtreme® corrosion proof 548

inserts, crimp connections



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



STANDARD

ADVANCED OPENING

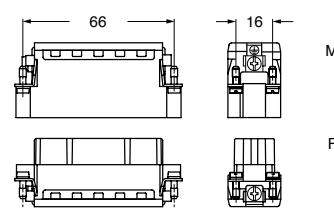
description	part No.	part No.	part No.
without contacts (to be ordered separately)			
female inserts, No. (1-16) and (17-32)	CDCF 16	CDCF 16 N	
male inserts, No. (1-16) and (17-32)	CCDM 16	CCDM 16 N	
16A female contacts			
0,14-0,37 mm ² AWG 26-22 one groove			CCFA 0.3
0,5 mm ² AWG 20 with no grooves			CCFA 0.5
0,75 mm ² AWG 18 one groove (back side)			CCFA 0.7
1 mm ² AWG 18 one groove			CCFA 1.0
1,5 mm ² AWG 16 two grooves			CCFA 1.5
2,5 mm ² AWG 14 three grooves			CCFA 2.5
3 mm ² AWG 12 one wide groove			CCFA 3.0
4 mm ² AWG 12 with no grooves			CCFA 4.0
16A male contacts			
0,14-0,37 mm ² AWG 26-22 one groove			CCMA 0.3
0,5 mm ² AWG 20 with no grooves			CCMA 0.5
0,75 mm ² AWG 18 one groove (back side)			CCMA 0.7
1 mm ² AWG 18 one groove			CCMA 1.0
1,5 mm ² AWG 16 two grooves			CCMA 1.5
2,5 mm ² AWG 14 three grooves			CCMA 2.5
3 mm ² AWG 12 one wide groove			CCMA 3.0
4 mm ² AWG 12 with no grooves			CCMA 4.0
16A male crimp contacts for advanced opening			
0,5 mm ² AWG 20 with no grooves			CC 0.5 AN
0,75 mm ² AWG 18 one groove (back side)			CC 0.7 AN
1 mm ² AWG 18 one groove			CC 1.0 AN
1,5 mm ² AWG 16 two grooves			CC 1.5 AN
2,5 mm ² AWG 14 three grooves			CC 2.5 AN
			CC 3.0 AN
			CC 4.0 AN

silver plated

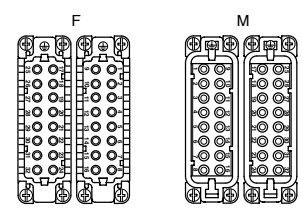
gold plated+

+ for basic or high thickness gold plating, please refer to page 675

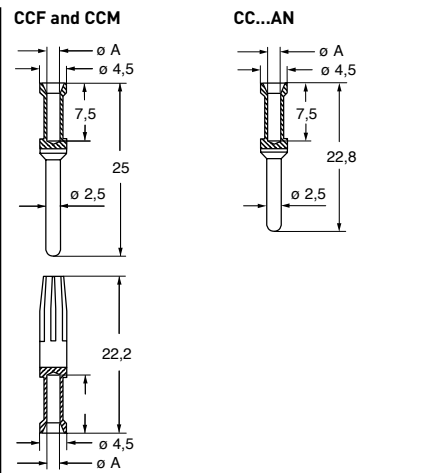
- characteristics according to EN 61984:
16A 250V 4kV 3
16A 230/400V 4kV 2
- (UL for USA and Canada),
- certified
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 1 mΩ
- 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



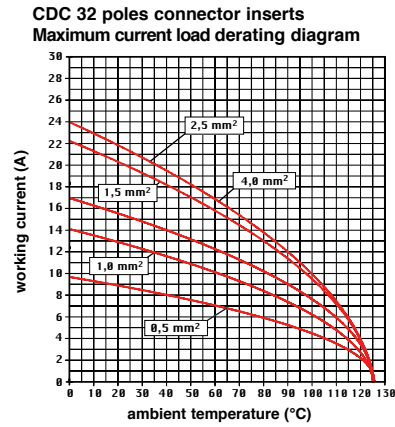
contacts side (front view)



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



CCF, CCM and CC...AN contacts		
conductor section mm ²	conductor slot ø A (mm)	conductors stripping length (mm)
0,14-0,37	0,9	7,5
0,5	1,1	7,5
0,75	1,3	7,5
1,0	1,45	7,5
1,5	1,8	7,5
2,5	2,2	7,5
3	2,55	7,5
4	2,85	7,5



CDC