

CDD 108

10 A 250 V

size **104.27**

108 poles +

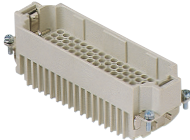
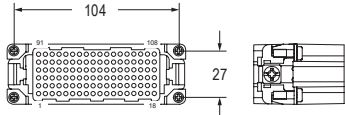
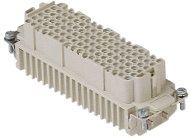
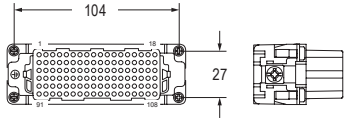
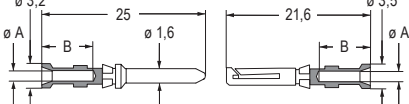
Crimp connection

EN 61984 rating	10 A 250 V 4 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK EAC



ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension																																																																
	Male inserts for male contacts Without contacts (to be ordered separately)	CDDM 108																																																																	
	Female inserts for female contacts Without contacts (to be ordered separately)	CDDF 108																																																																	
 	10 A crimp contacts <table><tr><th>section (mm²)</th><th>section (AWG)</th></tr><tr><td>0,14-0,37</td><td>26-22</td></tr><tr><td>0,5</td><td>20</td></tr><tr><td>0,75</td><td>18</td></tr><tr><td>1</td><td>18</td></tr><tr><td>1,5</td><td>16</td></tr><tr><td>2,5</td><td>14</td></tr></table>	section (mm ²)	section (AWG)	0,14-0,37	26-22	0,5	20	0,75	18	1	18	1,5	16	2,5	14	<table><tr><th></th><th>Male</th><th>Female</th></tr><tr><td rowspan="6"></td><td>CDMA 0.3</td><td>CDFA 0.3</td></tr><tr><td>CDMA 0.5</td><td>CDFA 0.5</td></tr><tr><td>CDMA 0.7</td><td>CDFA 0.7</td></tr><tr><td>CDMA 1.0</td><td>CDFA 1.0</td></tr><tr><td>CDMA 1.5</td><td>CDFA 1.5</td></tr><tr><td>CDMA 2.5</td><td>CDFA 2.5</td></tr><tr><td rowspan="6"></td><td>CDMD 0.3</td><td>CDFD 0.3</td></tr><tr><td>CDMD 0.5</td><td>CDFD 0.5</td></tr><tr><td>CDMD 0.7</td><td>CDFD 0.7</td></tr><tr><td>CDMD 1.0</td><td>CDFD 1.0</td></tr><tr><td>CDMD 1.5</td><td>CDFD 1.5</td></tr><tr><td>CDMD 2.5</td><td>CDFD 2.5</td></tr></table>		Male	Female		CDMA 0.3	CDFA 0.3	CDMA 0.5	CDFA 0.5	CDMA 0.7	CDFA 0.7	CDMA 1.0	CDFA 1.0	CDMA 1.5	CDFA 1.5	CDMA 2.5	CDFA 2.5		CDMD 0.3	CDFD 0.3	CDMD 0.5	CDFD 0.5	CDMD 0.7	CDFD 0.7	CDMD 1.0	CDFD 1.0	CDMD 1.5	CDFD 1.5	CDMD 2.5	CDFD 2.5	 Wiring information, CD contacts <table><tr><th>conductor section (mm²)</th><th>conductor slot ø A (mm)</th><th>stripping length B (mm)</th></tr><tr><td>0,14-0,37</td><td>0,9</td><td>8</td></tr><tr><td>0,5</td><td>1,1</td><td>8</td></tr><tr><td>0,75</td><td>1,3</td><td>8</td></tr><tr><td>1,0</td><td>1,45</td><td>8</td></tr><tr><td>1,5</td><td>1,8</td><td>8</td></tr><tr><td>2,5</td><td>2,2</td><td>6</td></tr></table> Wire diameter: up to 3,8 mm. For basic or high thickness gold plating, please refer to page F.16. For stamped crimp contacts (SD series), please refer to page F.18 It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)	conductor section (mm ²)	conductor slot ø A (mm)	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
section (mm ²)	section (AWG)																																																																		
0,14-0,37	26-22																																																																		
0,5	20																																																																		
0,75	18																																																																		
1	18																																																																		
1,5	16																																																																		
2,5	14																																																																		
	Male	Female																																																																	
	CDMA 0.3	CDFA 0.3																																																																	
	CDMA 0.5	CDFA 0.5																																																																	
	CDMA 0.7	CDFA 0.7																																																																	
	CDMA 1.0	CDFA 1.0																																																																	
	CDMA 1.5	CDFA 1.5																																																																	
	CDMA 2.5	CDFA 2.5																																																																	
	CDMD 0.3	CDFD 0.3																																																																	
	CDMD 0.5	CDFD 0.5																																																																	
	CDMD 0.7	CDFD 0.7																																																																	
	CDMD 1.0	CDFD 1.0																																																																	
	CDMD 1.5	CDFD 1.5																																																																	
	CDMD 2.5	CDFD 2.5																																																																	
conductor section (mm ²)	conductor slot ø A (mm)	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																																																																	

Materials

Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	copper alloy, silver and gold plated



CIF 2.4
PCB adapter
Page D.14

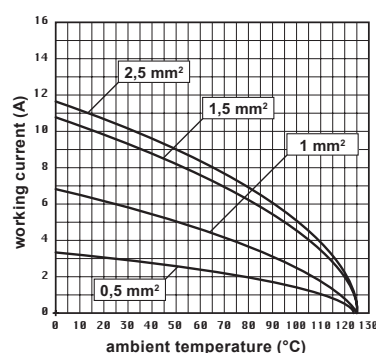


CR CP
Coding pins
Page G.3

Enclosures size 104.27	Pages
Heavy-Duty Applications	
Metallic with C-TYPE lever	E.70-77
Metallic with IL-BRID lever	E.100-103,107
Metallic with JEI®-P lever	E.117-119
Metallic with V-TYPE IP67 lever	E.127,134-135
Thermoplastic T-TYPE	E.232-235
Aggressive Environments	
Metallic IP68 high protection	E.148-149
Metallic W-TYPE	E.160-161,165
Metallic E-Xtreme®	E.180-181,188-189,197
Thermoplastic T-TYPE/W	E.232-235
Specialized Applications	
EMC (Electromagnetic Shielding)	E.214-215,219
Hygienic series for food and beverage	E.247-248
Standard applications with Central lever	E.260-261
BIG Enclosures for multiple cable entries	E.271,278-279
COB system for switch cabinet	E.286-289
Light and Sound applications with JEI®-P lever	E.302-303

For applications requiring higher voltages, please see the special voltage application section on page B.83

CDD 108 inserts max. current load derating diagram, turned contacts



CDD 108 inserts max. current load derating diagram, stamped contacts

