

CDD 38

10 A 250 V

size **66.16**

38 poles +

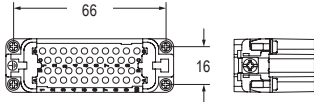
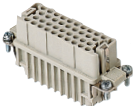
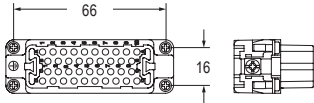
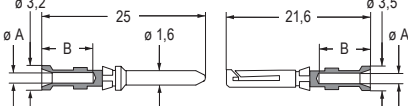
Crimp connection

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



CBUS ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension																																																		
	Male inserts for male contacts Without contacts (to be ordered separately)	CDDM 38																																																			
	Female inserts for female contacts Without contacts (to be ordered separately)	CDDF 38																																																			
 	10 A crimp contacts 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><td></td><td>Male</td><td>Female</td></tr><tr><td rowspan="6">silver</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">gold</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	silver	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	gold	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
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Materials

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



CR CP
Coding pins
Page G.3

Enclosures size 66.16

Pages

Heavy-Duty Applications

Metallic with IL-BRID lever	E.16-17
Metallic with JEI®-P lever	E.19
Metallic with Rigid IP67 lever	E.27

Aggressive Environments

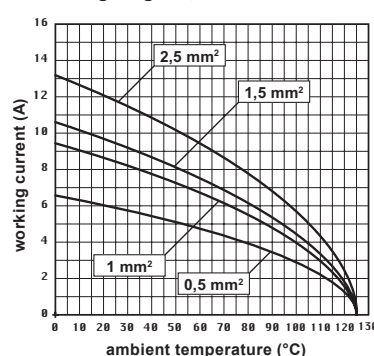
Metallic W-TYPE	E.30-31
Metallic E-Xtreme®	E.36-37

Specialized Applications

EMC (Electromagnetic Shielding)	E.42-43
COB system for switch cabinet	E.290

For applications requiring higher voltages, please see the special voltage application section on page B.27

CDD 38 inserts max. current load derating diagram, turned contacts



CDD 38 inserts max. current load derating diagram, stamped contacts

