

CDC 16

16 A 250 V

size **66.16**

16 poles +

Crimp connection

EN 61984 rating	16 A 250 V 4 kV 3
	16 A 230 / 400 V 4 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 1 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK ENEC



cNUS

ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts for male contacts Without contacts (to be ordered separately)	CDCM 16	

	Female inserts for female contacts Without contacts (to be ordered separately)	CDCF 16	
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	16 A advanced opening contacts	Male	Female	
	section (mm ²) section (AWG)			
	0,5 20	CC 0.5 AN		
	0,75 18	CC 0.7 AN		
	1 18	CC 1.0 AN		
	1,5 16	CC 1.5 AN		
	2,5 14	CC 2.5 AN		
		silver		
	16 A crimp contacts			
	section (mm ²) section (AWG)			
	0,14-0,37 26-22	CCMA 0.3	CCFA 0.3	
	0,5 20	CCMA 0.5	CCFA 0.5	
	0,75 18	CCMA 0.7	CCFA 0.7	
	1 18	CCMA 1.0	CCFA 1.0	
	1,5 16	CCMA 1.5	CCFA 1.5	
	2,5 14	CCMA 2.5	CCFA 2.5	
	3 12	CCMA 3.0	CCFA 3.0	
	4 12	CCMA 4.0	CCFA 4.0	
		silver		
	0,14-0,37 26-22	CCMD 0.3	CCFD 0.3	
	0,5 20	CCMD 0.5	CCFD 0.5	
	0,75 18	CCMD 0.7	CCFD 0.7	
	1 18	CCMD 1.0	CCFD 1.0	
	1,5 16	CCMD 1.5	CCFD 1.5	
	2,5 14	CCMD 2.5	CCFD 2.5	
	3 12	CCMD 3.0	CCFD 3.0	
	4 12	CCMD 4.0	CCFD 4.0	
		gold		

Wiring information, CC contacts

conductor section (mm ²)	conductor slot ø A (mm)	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
3,0	2,55	7,5
4,0	2,85	7,5

Wire diameter: up to 4,7 mm.

For basic or high thickness gold plating, please refer to page F.13.

It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)

Materials

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



CR CPQ

Coding pins
Page G.3

Enclosures size 66.16

Pages

Heavy-Duty Applications

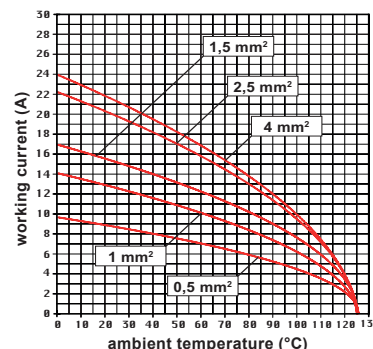
Metallic with IL-BRID lever	E.16-17
Metallic with JEI®-P lever	E.19
Metallic with Rigid IP67 lever	E.27

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



CDC 16 inserts max. current load derating diagram