

CX 01 BC

16 A 50 V

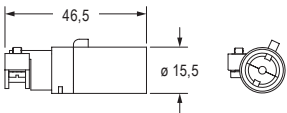
1 pole + shield

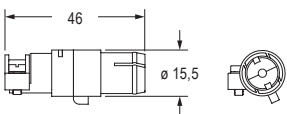
Crimp connection

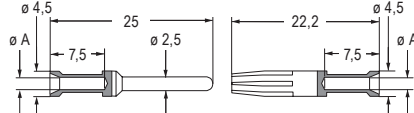
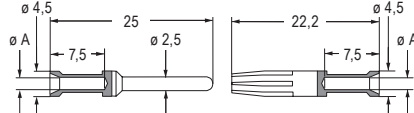
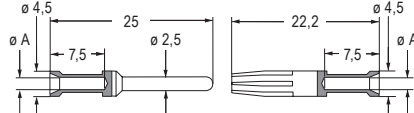
EN 61984 rating	16 A 50 V 0,8 kV 3
Rated voltage (UL / CSA)	50 V
Insulation resistance	$\geq 10 \text{ G}\Omega$
Contact resistance	$\leq 1 \text{ m}\Omega$
Ambient temperature limit	-40 °C ... +70 °C
Mechanical life (cycles)	≥ 500



ALUS ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts, one contact seat Shielded BUS coaxial 2 cable clamp included in the package	CX 01 BCM	

	Female inserts, one contact seat Shielded BUS coaxial 2 cable clamp included in the package	CX 01 BCF	
--	---	---------------------------	---

16 A crimp contacts		Male	Female	
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), zinc-alloy shield
UL 94 flame rating	V-0
Colour (contacts holder)	pebble grey, RAL 7032
Contacts	copper alloy, silver  and gold  plated

CX 01 BC shielded connector for cable with a typical impedance of 50 Ω (attenuation see below).



CX 02 B
MIXO insert
Page C.62



CX 1/2 BD
21.21 insert
Page A.37

Test performed in accordance with IEC/EN 60512-25-2 (2002), 4.1.3.2 (coaxial cable only) and 4.2.2.2 (coaxial cable and connector).

Attenuation (insertion loss) 50 Ω coaxial connector (CX 01 BC)

- RG 213/U cable and CX 01 BC connector (50 Ω)
- RG 213/U cable (50 Ω)

