

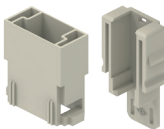
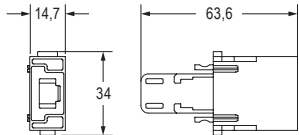
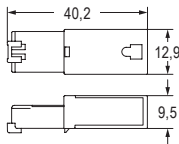
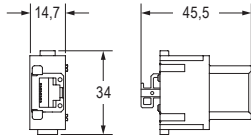
CX 01 J8I**1 A 50 V**size **1 module****1 seats for RJ45 IDC connectors****IDC connection**

EN 61984 rating	1 A 50 V 0,8 kV 3
Rated voltage (UL / CSA)	50 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 3 mΩ
Ambient temperature limit	-40 °C ... +85 °C
Mechanical life (cycles)	≥ 500

(pending: DNV and BV)



ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts for 1 RJ45 male IDC connector, 8 data contacts Without RJ45 connector (to be ordered separately)	CX 01 J8IM	
	RJ45 male IDC connector 8 data contacts	CX 8 J6IM	
	Female insert with 1 RJ45 IDC connector TIA 568A contact coding TIA 568B contact coding PROFINET contact coding	CX 01 J8AIF CX 01 J8BIF CX 01 J8PIF	

Materials

Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032

PIN assignment

Pin n°	CX 01 J8AIF T568A according to TIA/EIA 568-C.2	CX 01 J8BIF T568B according to TIA/EIA 568-C.2	CX 01 J8PIF Profinet Industrial
			
1	WH/GN	WH/OG	YE
2	GN	OG	OG
3	WH/OG	WH/GN	WH
4	BU	BU	—
5	WH/BU	WH/BU	—
6	OG	GN	BU
7	WH/BN	WH/BN	—
8	BN	BN	—

Accessories**Pages****MIXO Frames**

Metal frames for modular units	C.94-95
Thermoplastic docking frames	C.98-101

Enclosures

Insulating MIXO holder	C.103
MIXO ONE	C.106-107
MIXO TWO	C.110-111

CX 01 J8I..F RJ45 female IDC connectors, Cat. 6 Class EA technical data:

- current carrying capacity at 50 °C: 1 A;
- PoE according to IEEE 802.3at: adequate for Power over Ethernet+ (PoE+);
- conductor diameter: solid: 0,40 - 0,64 mm (AWG 26/1 - 22/1); stranded: 0,48 - 0,76 mm (AWG 26/7 - 22/7);
- generic cabling systems: ANSI/TIA/EIA-568-C.2; ISO/IEC 11801; EN50173-1; ISO/IEC 24702 and EN 61918;
- insulation diameter: 0,85 - 1,6 mm;
- cable diameter: 5,5 - 9 mm;
- connectors: IEC 60603-7-51;
- 10 Gigabit Ethernet according to IEEE 802.3an: adequate for 10 Gigabit Ethernet;
- custom-designed cabling systems: PROFINET Installation Guideline;
- Cat. 6: ANSI/TIA/EIA-568-C.2;
- Cat. 6A: ISO/IEC 11801; DIN EN 50173-1;
- class EA (channel): ISO/IEC 11801; EN 50173-1.

CX 8 J6IM RJ45 male IDC connectors, Cat. 6 Class EA technical data:

- conductor diameter: solid: 0,41 - 0,64 mm (AWG 26/1 - 22/1); stranded: 0,48 - 0,76 mm (AWG 26/7 - 22/7);
- insulation diameter: 0,85 - 1,6 mm;
- cable diameter: 5,5 - 8,5 mm;
- connectors: IEC 60603-7-5;
- wrenches pliers: **CJPW K**;
- 10 Gigabit Ethernet according to IEEE 802.3an: adequate for 10 Gigabit Ethernet;
- custom-designed cabling systems: PROFINET Installation Guideline;
- Cat. 6: ANSI/TIA/EIA-568-C.2;
- Cat. 6A: ISO/IEC 11801; DIN EN 50173-1;
- class EA: ISO/IEC 11801; EN 50173-1;
- custom-designed cabling systems: PROFINET Installation Guideline;
- class EA (channel): ISO/IEC 11801; EN 50173-1.

