

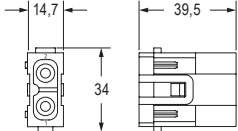
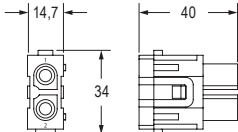
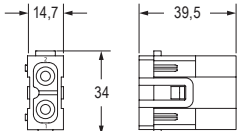
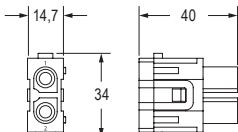
CX 02 4A/CX 02 4B**40 A 1000 V**size **1 module****2 poles****Axial screw connection**

EN 61984 rating	40 A 1000 V 8 kV 3
	40 A 1600 V 12 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	$\geq 10 \text{ G}\Omega$
Contact resistance	$\leq 0,5 \text{ m}\Omega$
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK ENEC

C[®]ALUS

ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts with male contacts Screw terminal connection Wire diameter: up to 4 mm	CX 02 4AM	
	Female inserts with female contacts Screw terminal connection Wire diameter: up to 4 mm	CX 02 4AF	
	Male inserts with male contacts Screw terminal connection Wire diameter: up to 4,8 mm	CX 02 4BM	
	Female inserts with female contacts Screw terminal connection Wire diameter: up to 4,8 mm	CX 02 4BF	

Materials

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

- Use flexible cables with section from 2,5 mm² to 10 mm² or extra flexible cables with sections from 2,5 mm² to 6 mm²;
- do not twist the cables;
- fully insert the braids in the rear section of the contact;
- insert a 2 mm hexagonal key in the front section of the contact and tighten by keeping the cable held down in position;
- a 2 mm hexagonal key can be supplied on request, reference **CX AS**.

Wiring information

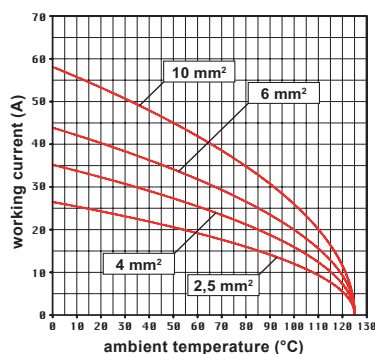
Wires cross sectional area	
- inserts for $\varnothing$ 4 mm cables (CX..4A)	2,5 mm ² - 8 mm ² (AWG 14-8)
- inserts for $\varnothing$ 4,8 mm cables (CX..4B)	6 mm ² - 10 mm ² (AWG 10-8)
Stripping length	
- 2,5 mm ² - 4 mm ² (AWG 14-12)	5+1
- 6 mm ² - 10 mm ² (AWG 10-8)	8+1
Terminal screw torque	
- 2,5 mm ² - 4 mm ² (AWG 14-12)	1,5 Nm (13.3 lb.in)
- 6 mm ² - 10 mm ² (AWG 10-8)	2 Nm (17.7 lb.in)

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 02 4A/4B inserts max. current load derating diagram**