

CX 02 7

70 A 1000 V

 size **1 module**
2 poles

Crimp connection

EN 61984 rating	70 A 1000 V 8 kV 3
	70 A 1600 V 12 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 0,5 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500



ECBT2.E115072 | ECBT8.E115072
 PVVA2.E506437 | PVVA8.E506437

Item	Description	Part No.	Dimension
	Male inserts for male contacts Without contacts (to be ordered separately)	CX 02 7M	
	Female inserts for female contacts Without contacts (to be ordered separately)	CX 02 7F	

70 A crimp contacts

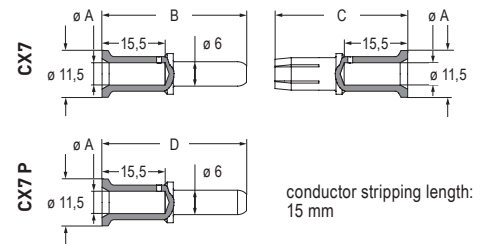
section (mm ²)	section (AWG)
6	10
10	8-7
16	6-5
16 (XF)*	6-5
25	4-3

Male

silver	
CX7MA 6.0	
CX7MA 10	
CX7MA 16	
CX7MA 16 XF	
CX7MA 25	

Female

CX7FA 6.0	
CX7FA 10	
CX7FA 16	
CX7FA 16 XF	
CX7FA 25	



Wiring information, CX7 and CX7 P contacts

conductor section (mm ²)	conductor slot ø A (mm)	length B (mm)	length C (mm)	length D (mm)
6	3,5	36,0	33,0	36,6
10	4,3	35,2	32,2	35,8
16	5,5	35,2	32,2	35,8
16 (XF)	6,1	35,2	32,2	35,8
25	7,0	35,2	32,2	35,8

Wire diameter: up to 10 mm.

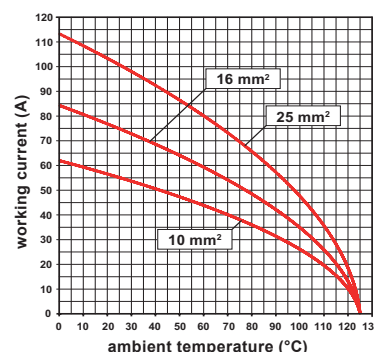
It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)

Materials

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

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 7 inserts max. current load derating diagram

Can be used in bulkhead mounting housings or in high construction housings or in high construction hoods.