

CX 01 G

100 A 830 V

size **1 module**
1 pole

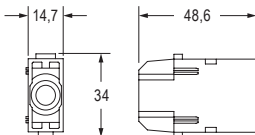
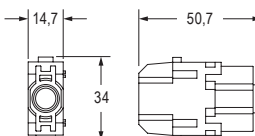
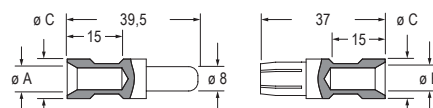
Crimp connection

EN 61984 rating	100 A 830 V 8 kV 3
Rated voltage (UL / CSA)	600 V
Insulation resistance	$\geq 10 \text{ G}\Omega$
Contact resistance	$\leq 0,3 \text{ m}\Omega$
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK EAC



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 01 GM		
	Female inserts for female contacts Without contacts (to be ordered separately)	CX 01 GF		
	100 A crimp contacts section (mm ²) section (AWG) 8-10 8-7 16 6-5 25 4-3 35 2	Male  CGMA 10 CGMA 16 CGMA 25 CGMA 35	Female  CGFA 10 CGFA 16 CGFA 25 CGFA 35	

Wiring information, CG contacts

conductor section (mm ²)	conductor slot ø A (mm)	conductor slot ø B (mm)	conductor slot ø C (mm)	stripping length (mm)
8-10	4,3	4,3	13	15
16	5,5	5,5	13	15
25	7,0	7,0	13	15
35	7,9	8,2	12,5	15

Wire diameter: up to 11,5 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

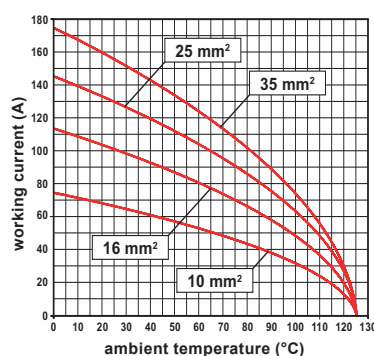


CGT..
PE wire terminal adapter
Page C.96

How to use the PE adapter (CGT 16):

- 1) Strip 15 mm of flexible PE protective cable
- 2) Crimp the cable on the CGT 16 adapter by using the **CPPZ C** pliers with the **CGD 16 C** matrix
- 3) Fix the adapter tip in the larger earth terminal (6 mm²) of frames **CX...TM/TF**

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 G inserts max. current load derating diagram)



Tutorial

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

dimensions shown in mm are not binding and may be changed without notice