

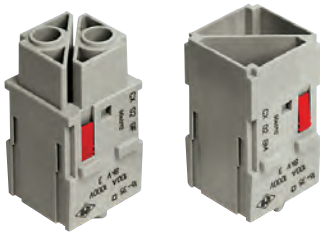
CX 02 GF/GM 2 poles 100A - 1000V

The modular inserts must be installed in suitable frames, which are then mounted in traditional enclosures* or in COB panel supports.

frames for modular units*

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317

modular units,
crimp connections



100A silver plated crimp contacts,
PE adapter



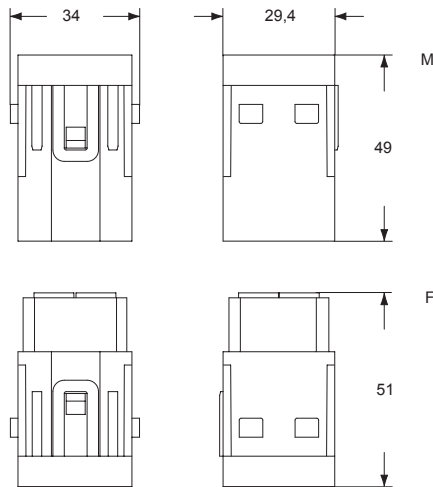
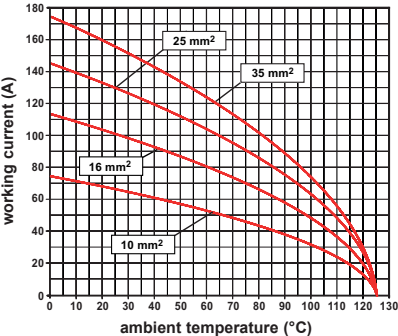
* enclosures: bulkhead mounting housings, high construction housings or high construction hoods

description	part No.	part No.
without contacts (to be ordered separately)		
female inserts for female contacts ¹⁾	CX 02 GF	
male inserts for male contacts ¹⁾	CX 02 GM	
100A female crimp contacts		CGFA 10
8-10 mm ² AWG 8-7		CGFA 16
16 mm ² AWG 6-5		CGFA 25
25 mm ² AWG 4-3		CGFA 35
35 mm ² AWG 2		
100A male crimp contacts		CGMA 10
8-10 mm ² AWG 8-7		CGMA 16
16 mm ² AWG 6-5		CGMA 25
25 mm ² AWG 4-3		CGMA 35
35 mm ² AWG 2		
cable earthing adapter 16 mm ² (AWG 6-5)		CGT 16

¹⁾ on request, version with pole 3/4 numbering,
references: CX 02 GFN, CX 02 GMN

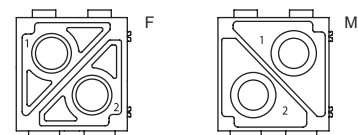
- characteristics according to EN 61984:
100A 1000V 8kV 3
100A 920/1600V 8kV 2
- (UL for USA and Canada),
- certified
- rated voltage according to UL/CSA: 600V
- insulation resistance: $\geq 10\text{ G}\Omega$
- ambient temperature limit: $-40\text{ }^{\circ}\text{C} \dots +125\text{ }^{\circ}\text{C}$
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: $\leq 0,3\text{ m}\Omega$
- **it is recommended to crimp the contacts with crimping tools homologated by ILME** (please see the crimping tool section 100A contacts, CGF and CGM series) on pages 708 - 741
- for max. current load see the connector inserts derating diagram below; for more information see page 28

CX 02 G, 2 poles connector inserts
Maximum current load derating diagram

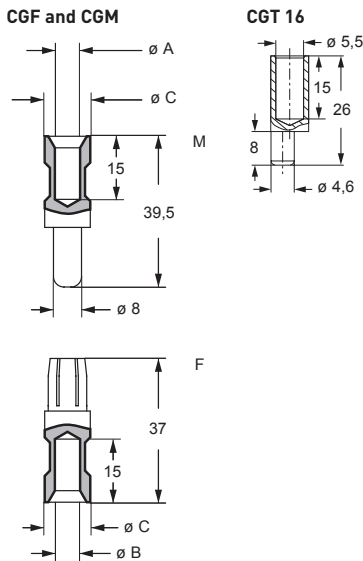


contacts side (front view)

side with reference arrow ▲



- 2 frame slots



CGF and CGM contacts				
conductor section (mm ²)	conductor slot $\varnothing$ A (mm)	conductor slot $\varnothing$ B (mm)	conductor $\varnothing$ C (mm)	conductor 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

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 CGPZ pliers with the CGD 16 C matrix
- 3) Fix the adapter tip in the larger earth terminal (6 mm²) of frames CX...TM/TF
- 4) To be used with bulkhead mounting housings or high construction hoods
- 5) Cannot be used with T-TYPE series