

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

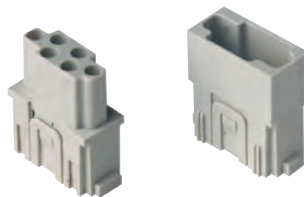
Single-sized modular units may be directly mounted inside MIXO ONE enclosures.

frames for modular units page: 316 - 317

MIXO ONE enclosures 369

- it is recommended to crimp the contacts with crimping tools homologated by ILME (please see the crimping tool section 16A contacts, CCF, CCM and CC...AN series) on pages 708 - 741

modular units, crimp connections



16A crimp contacts standard or for advanced opening silver and gold plated



STANDARD

ADVANCED OPENING



description	part No.	part No.
without contacts (to be ordered separately)		
female inserts for female contacts	CX 06 CF	
male inserts for male contacts	CX 06 CM	
16A female crimp contacts		
0,14-0,37 mm ² AWG 26-22 one groove	CCFA 0.3	CCFD 0.3
0,5 mm ² AWG 20 with no grooves	CCFA 0.5	CCFD 0.5
0,75 mm ² AWG 18 one groove (back side)	CCFA 0.7	CCFD 0.7
1 mm ² AWG 18 one groove	CCFA 1.0	CCFD 1.0
1,5 mm ² AWG 16 two grooves	CCFA 1.5	CCFD 1.5
2,5 mm ² AWG 14 three grooves	CCFA 2.5	CCFD 2.5
3 mm ² AWG 12 one wide groove	CCFA 3.0	CCFD 3.0
4 mm ² AWG 12 with no grooves	CCFA 4.0	CCFD 4.0
16A male crimp contacts		
0,14-0,37 mm ² AWG 26-22 one groove	CCMA 0.3	CCMD 0.3
0,5 mm ² AWG 20 with no grooves	CCMA 0.5	CCMD 0.5
0,75 mm ² AWG 18 one groove (back side)	CCMA 0.7	CCMD 0.7
1 mm ² AWG 18 one groove	CCMA 1.0	CCMD 1.0
1,5 mm ² AWG 16 two grooves	CCMA 1.5	CCMD 1.5
2,5 mm ² AWG 14 three grooves	CCMA 2.5	CCMD 2.5
3 mm ² AWG 12 one wide groove	CCMA 3.0	CCMD 3.0
4 mm ² AWG 12 with no grooves	CCMA 4.0	CCMD 4.0
16A male crimp contacts for advanced opening		
0,5 mm ² AWG 20 with no grooves	CC 0.5 AN	+ for basic or high thickness gold plating, please refer to page 675
0,75 mm ² AWG 18 one groove (back side)	CC 0.7 AN	
1 mm ² AWG 18 one groove	CC 1.0 AN	
1,5 mm ² AWG 16 two grooves	CC 1.5 AN	
2,5 mm ² AWG 14 three grooves	CC 2.5 AN	

- characteristics according to EN 61984:

16A 500V 6kV 3

16A 400/690V 6kV 2

- certified

- rated voltage according to UL/CSA: 600V

- insulation resistance: ≥ 10 G Ω

- ambient temperature limit: -40 °C ... +125 °C

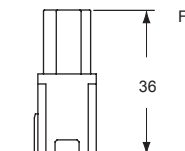
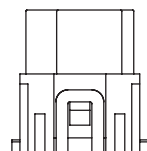
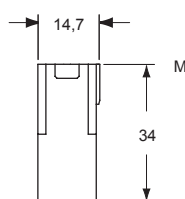
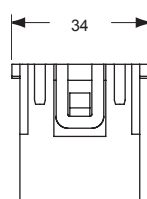
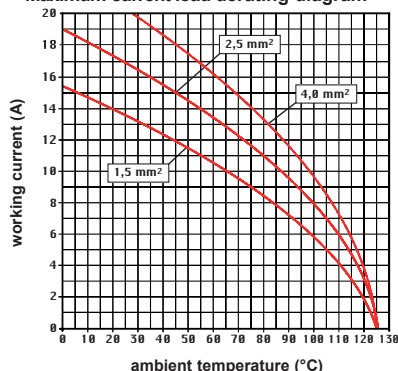
- made of self-extinguishing thermoplastic resin UL 94V-0

- mechanical life: ≥ 500 cycles

- contact resistance: ≤ 1 m Ω

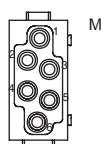
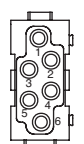
- for max. current load see the connector inserts derating diagram below; for more information see page 28

CX 06 C, 6 poles connector inserts
Maximum current load derating diagram



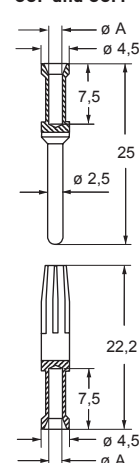
contacts side (front view)

side with reference arrow ▲

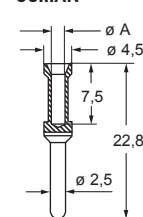


- 1 frame slot

CCF and CCM



CC...AN



CCF, CCM and CC...AN contacts

conductor section (mm ²)	conductor slot ø A (mm)	conductors stripping length (mm)
0,14-0,37	0,9	7,5
0,5	1,1	7,5
0,75	1,3	7,5
1,0	1,45	7,5
1,5	1,8	7,5
2,5	2,2	7,5
3	2,55	7,5
4	2,85	7,5