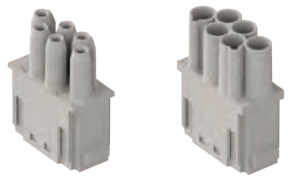
CX 06P CF/CM 6 poles protected 16A - 830V

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.

	page:
frames for modular units	**316 - 317**
MIXO ONE enclosures	**369**

- we recommend the use of CRF / CRM code pins together with relevant MIXO frame
- **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



RATING 830V

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

STANDARD

ADVANCED OPENING

description			part No.	part No. silver plated	part No. gold plated✢
without contacts (to be ordered separately)					
female inserts for female contacts			**CX 06P CF**		
male inserts for male contacts			**CX 06P CM**		
16A female contacts					
0,14-0,37 mm²	AWG 26-22	one groove		**CCFA 0.3**	**CCFD 0.3**
0,5 mm²	AWG 20	with no grooves		**CCFA 0.5**	**CCFD 0.5**
0,75 mm²	AWG 18	one groove (back side)		**CCFA 0.7**	**CCFD 0.7**
1 mm²	AWG 18	one groove		**CCFA 1.0**	**CCFD 1.0**
1,5 mm²	AWG 16	two grooves		**CCFA 1.5**	**CCFD 1.5**
2,5 mm²	AWG 14	three grooves		**CCFA 2.5**	**CCFD 2.5**
3 mm²	AWG 12	one wide groove		**CCFA 3.0**	**CCFD 3.0**
4 mm²	AWG 12	with no grooves		**CCFA 4.0**	**CCFD 4.0**
16A male contacts					
0,14-0,37 mm²	AWG 26-22	one groove		**CCMA 0.3**	**CCMD 0.3**
0,5 mm²	AWG 20	with no grooves		**CCMA 0.5**	**CCMD 0.5**
0,75 mm²	AWG 18	one groove (back side)		**CCMA 0.7**	**CCMD 0.7**
1 mm²	AWG 18	one groove		**CCMA 1.0**	**CCMD 1.0**
1,5 mm²	AWG 16	two grooves		**CCMA 1.5**	**CCMD 1.5**
2,5 mm²	AWG 14	three grooves		**CCMA 2.5**	**CCMD 2.5**
3 mm²	AWG 12	one wide groove		**CCMA 3.0**	**CCMD 3.0**
4 mm²	AWG 12	with no grooves		**CCMA 4.0**	**CCMD 4.0**
16A male crimp contacts for advanced opening					
0,5 mm²	AWG 20	with no grooves		**CC 0.5 AN**	
0,75 mm²	AWG 18	one groove (back side)		**CC 0.7 AN**	
1 mm²	AWG 18	one groove		**CC 1.0 AN**	
1,5 mm²	AWG 16	two grooves		**CC 1.5 AN**	
2,5 mm²	AWG 14	three grooves		**CC 2.5 AN**	

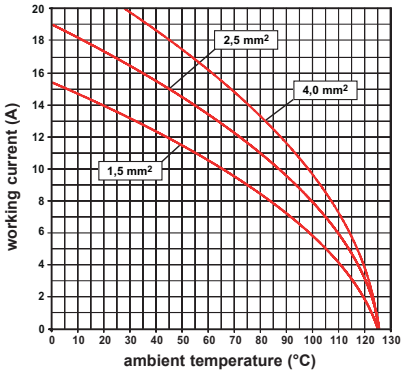
✢ for basic or high thickness gold plating, please refer to page 675

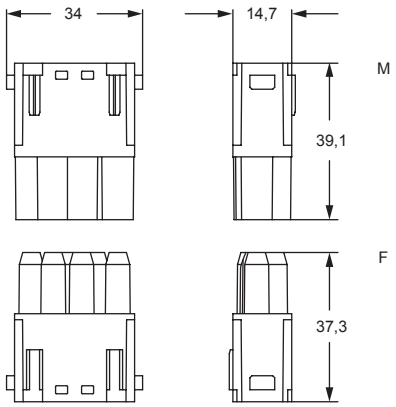
- characteristics according to EN 61984:

16A 830V 8kV 3

- DNV·GL BUREAU VERITAS EAC certified
- rated voltage according to UL/CSA: 600V
- insulation resistance: ≥ 10 GΩ
- ambient temperature limit: -40 °C ... +125 °C
- made of self-extinguishing thermoplastic resin UL 94V-0
- mechanical life: ≥ 500 cycles
- contact resistance: ≤ 1 mΩ
- for max. current load see the connector inserts derating diagram below; for more information see page 28

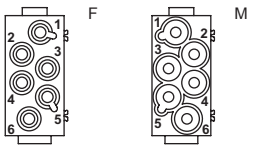
CX 06P C, 6 poles connector inserts
Maximum current load derating diagram





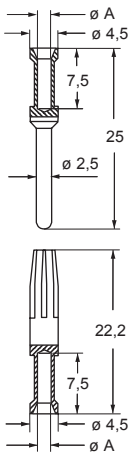
contacts side (front view)

side with reference arrow ▲

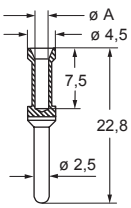


- 1 frame slot

CCF and CCM



CC...AN



CCF, CCM and CC..AN contacts

conductor section (mm²)	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

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