

CX 06P C

16 A 830 V

size **1 module**

6 poles

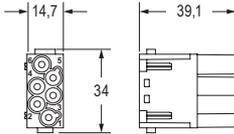
Crimp connection

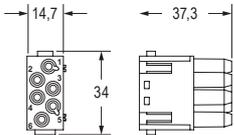
EN 61984 rating	16 A 830 V 8 kV 3
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 1 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

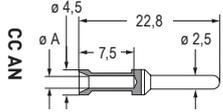
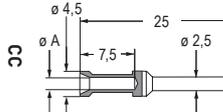
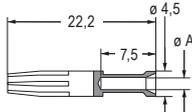
CE UK EAC

CEC DNV BUREAU VERITAS

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

Item	Description	Part No.	Dimension
	Male inserts for male contacts Without contacts (to be ordered separately) Male insert is protected from access with the back of the hand (IP1X or IPXXA)	CX 06P CM	

	Female inserts for female contacts Without contacts (to be ordered separately) Female insert is finger proof (IP2X or IPXXB) even if not coupled	CX 06P CF	
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	16 A advanced opening contacts	Male	Female	
	section (mm ²) section (AWG)			 CC AN
	0,5 20	CC 0.5 AN		
	0,75 18	CC 0.7 AN		
	1 18	CC 1.0 AN		
	1,5 16	CC 1.5 AN		
	2,5 14	CC 2.5 AN		
	16 A crimp contacts			 CC
	section (mm ²) section (AWG)			
	0,14-0,37 26-22	CCMA 0.3	CCFA 0.3	 CC
	0,5 20	CCMA 0.5	CCFA 0.5	
	0,75 18	CCMA 0.7	CCFA 0.7	
	1 18	CCMA 1.0	CCFA 1.0	
	1,5 16	CCMA 1.5	CCFA 1.5	
	2,5 14	CCMA 2.5	CCFA 2.5	
	3 12	CCMA 3.0	CCFA 3.0	
	4 12	CCMA 4.0	CCFA 4.0	
	0,14-0,37 26-22	CCMD 0.3	CCFD 0.3	
	0,5 20	CCMD 0.5	CCFD 0.5	
	0,75 18	CCMD 0.7	CCFD 0.7	
	1 18	CCMD 1.0	CCFD 1.0	
	1,5 16	CCMD 1.5	CCFD 1.5	
	2,5 14	CCMD 2.5	CCFD 2.5	
	3 12	CCMD 3.0	CCFD 3.0	
	4 12	CCMD 4.0	CCFD 4.0	

Wiring information, CC contacts

conductor section (mm ²)	conductor slot ø A (mm)	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
3,0	2,55	7,5
4,0	2,85	7,5

Wire diameter: up to 4,7 mm.

For basic or high thickness gold plating, please refer to page F.13.

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 ● and gold ● plated

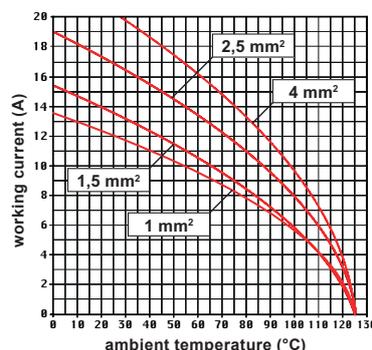


CR CPQ
Coding pins
Page G.3

Accessories

Pages

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 06P C inserts max. current load derating diagram

It is recommended the use of **CRF CX / CRM CX** coding pins together with relevant MIXO frames.