CXC 4/8

80 A 400 V / 16 A 230/400 V

size **104.27**

4 / 8 poles + ⏚

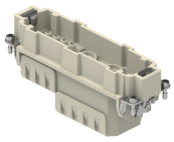
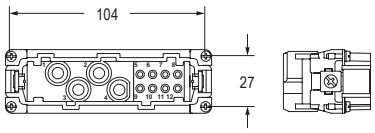
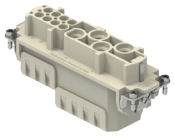
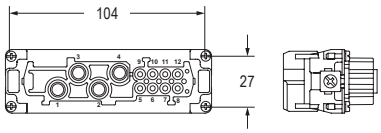
Crimp connection

EN 61984 rating		**80 A 400 V 6 kV 3** **16 A 230 / 400 V 4 kV 3**
Rated voltage (UL / CSA)		**600 V**
Insulation resistance		**≥ 10 GΩ**
Contact resistance	80 A (4 poles)	**≤ 0,3 mΩ**
	16 A (8 poles)	**≤ 1 mΩ**
Ambient temperature limit		**-40 °C ... +125 °C**
Mechanical life (cycles)		**≥ 500**

CE UK CA (pending: EAC)

(pending: CQC, DNV and BV)

(pending: cURus)

Item	Description	Part No.	Dimension
	Male inserts for male contacts Without contacts (to be ordered separately)	CXCM 4/8	
	Female inserts for female contacts Without contacts (to be ordered separately)	CXCF 4/8	

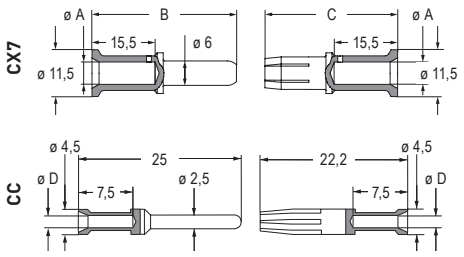
80 A crimp contacts

section (mm²)	section (AWG)		Male	Female
6	10	silver	CX7MA 6.0	CX7FA 6.0
10	8-7		CX7MA 10	CX7FA 10
16	6-5		CX7MA 16	CX7FA 16
16 (XF)*	6-5		CX7MA 16 XF	CX7FA 16 XF
25	4-3		CX7MA 25	CX7FA 25

16 A crimp contacts

section (mm²)	section (AWG)			
0,14-0,37	26-22	silver	CCMA 0.3	CCFA 0.3
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

* for extra-flexible Class 6 conductors



Wire diameter: up to 10 mm (CX7 series); up to 4,7 mm (CC series).

It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)

Wiring information, CX7 and CC contacts

conductor section (mm²)	conductor slot ø A (mm)	length B (mm)	length C (mm)	conductor section (mm²)	conductor slot ø D (mm)
6	3,5	36,0	33,0	0,14-0,37	0,9
10	4,3	35,2	32,2	0,5	1,1
16	5,5	35,2	32,2	0,75	1,3
16 (XF)	6,1	35,2	32,2	1,0	1,45
25	7,0	35,2	32,2	1,5	1,8
–	–	–	–	2,5	2,2
–	–	–	–	3,0	2,55
–	–	–	–	4,0	2,85

Materials

Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	copper alloy, silver ● plated

Enclosures size 104.27	Pages
Heavy-Duty Applications	
Metallic with C-TYPE lever	E.70-77
Metallic with IL-BRID lever	E.100-103,107
Metallic with JEI®-P lever	E.117-119
Metallic with V-TYPE IP67 lever	E.127,134-135
Thermoplastic T-TYPE	E.232-235
Aggressive Environments	
Metallic IP68 high protection	E.148-149
Metallic W-TYPE	E.160-161,165
Metallic E-Xtreme®	E.180-181,188-189,197
Thermoplastic T-TYPE/W	E.232-235
Specialized Applications	
EMC (Electromagnetic Shielding)	E.214-215,219
Hygienic series for food and beverage	E.247-248
Standard applications with Central lever	E.260-261
BIG Enclosures for multiple cable entries	E.271,278-279
COB system for switch cabinet	E.286-289
Light and Sound applications with JEI®-P lever	E.302-303

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

The derating curves for the connector's **power** and **signal** poles in the diagrams below are valid for the following combinations:

- **power** 4 mm² with **signal** 1 mm²;
- **power** 6 mm² with **signal** 1 mm²;
- **power** 10 mm² or 6 mm² with **signal** 1,5 mm²;
- **power** 16 mm² with **signal** 2,5 mm².

CXC 4/8 inserts max. current load derating diagrams