

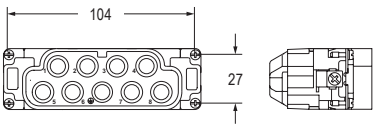
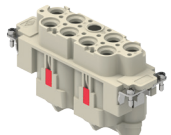
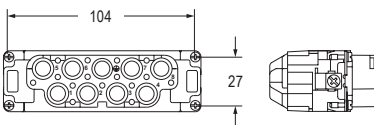
**CX 8/0****100 A 690 V**size **104.27****8 poles + ⊕****Crimp connection**

EN 61984 rating	100 A 690 V 8 kV 3
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 0,3 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK (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) The power PE contact not included (CG series)	CXM 8/0	
	Female inserts for female contacts Without contacts (to be ordered separately) The power PE contact not included (CG series)	CXF 8/0	
	100 A crimp contacts section (mm ²) section (AWG) 8-10 8-7 16 6-5 25 4-3 35 2	Male silver CGMA 10 CGMA 16 CGMA 25 CGMA 35	Female CGFA 10 CGFA 16 CGFA 25 CGFA 35

Wiring information, CG contacts

conductor section (mm ²)	conductor slot ø A (mm)	conductor slot ø B (mm)	conductor slot ø C (mm)	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

Wire diameter: up to 11,5 mm.

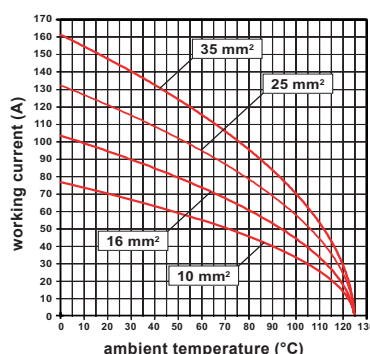
It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)

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.

Materials

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

**CX 8/0 inserts max. current load derating diagram**