

CX 6/12

40 A 690 V / 10 A 230/400 V

size **77.27**
6 / 12 poles + ⊕

Crimp connection

EN 61984 rating	40 A 690 V 8 kV 3
	10 A 230 / 400 V 4 kV 3
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	40 A (6 poles) ≤ 0,3 mΩ
	10 A (12 poles) ≤ 1 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK EAC



CBUS ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension
	Male inserts for male contacts Without contacts (to be ordered separately)	CXM 6/12	
	Female inserts for female contacts Without contacts (to be ordered separately)	CXF 6/12	
	40 A crimp contacts section (mm²) section (AWG) 1,5 16 2,5 14 4 12 6 10 10 8	Male CXMA 1.5 CXMA 2.5 CXMA 4.0 CXMA 6.0 CXMA 10	Female CXFA 1.5 CXFA 2.5 CXFA 4.0 CXFA 6.0 CXFA 10
	10 A crimp contacts section (mm²) section (AWG) 0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14	 CDMA 0.3 CDMA 0.5 CDMA 0.7 CDMA 1.0 CDMA 1.5 CDMA 2.5	 CDFA 0.3 CDFA 0.5 CDFA 0.7 CDFA 1.0 CDFA 1.5 CDFA 2.5
	 0,14-0,37 26-22 0,5 20 0,75 18 1 18 1,5 16 2,5 14	 CDMD 0.3 CDMD 0.5 CDMD 0.7 CDMD 1.0 CDMD 1.5 CDMD 2.5	 CDFD 0.3 CDFD 0.5 CDFD 0.7 CDFD 1.0 CDFD 1.5 CDFD 2.5

Wiring information, CX and CD contacts

conductor section (mm²)	conductor slot ø A (mm)	stripping length B (mm)	conductor section (mm²)	conductor slot ø C (mm)	stripping length D (mm)
1,5	1,8	9	0,14-0,37	0,9	8
2,5	2,2	9	0,5	1,1	8
4	2,85	9,6	0,75	1,3	8
6	3,5	9,6	1,0	1,45	8
10	4,3	15	1,5	1,8	8
-	-	-	2,5	2,2	6

Wire diameter: up to 7 mm (CX series); up to 3,8 mm (CD series).

For basic or high thickness gold plating, please refer to page F.16.

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

Enclosures size 77.27

Pages

Heavy-Duty Applications

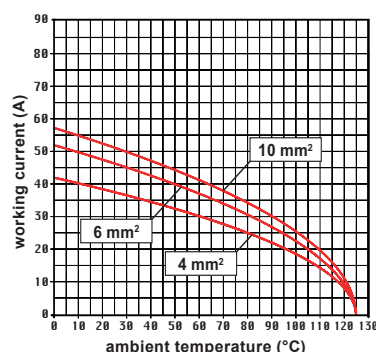
Metallic with C-TYPE lever	E.62-69
Metallic with IL-BRID lever	E.96-99,106
Metallic with JEI®-P lever	E.115-116,119
Metallic with V-TYPE IP67 lever	E.126,132-133
Thermoplastic T-TYPE	E.230-231,234-235

Aggressive Environments

Metallic IP68 high protection	E.146-147
Metallic W-TYPE	E.158-159,164
Metallic E-Xtreme®	E.178-179,186-187,196
Thermoplastic T-TYPE/W	E.230-231,234-235

Specialized Applications

EMC (Electromagnetic Shielding)	E.212-213,218
Hygienic series for food and beverage	E.246,248
Standard applications with Central lever	E.258-259
BIG Enclosures for multiple cable entries	E.270,276-277
COB system for switch cabinet	E.286-289
Light and Sound applications with JEI®-P lever	E.300-301



CX 6/12 inserts max. current load derating diagram