

# CXC 4/2

80 A 830 V / 16 A 400 V

size **77.27**  
4 / 2 poles + ⊕

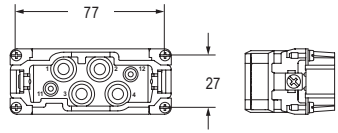
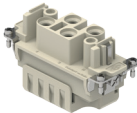
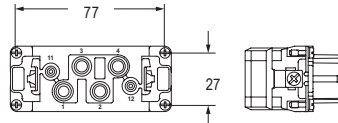
## Crimp connection

|                           |                         |
|---------------------------|-------------------------|
| EN 61984 rating           | 80 A 830 V 8 kV 3       |
|                           | 16 A 400 V 6 kV 3       |
| Rated voltage (UL / CSA)  | 600 V                   |
| Insulation resistance     | ≥ 10 GΩ                 |
| Contact resistance        | 80 A (4 poles) ≤ 0,3 mΩ |
|                           | 16 A (2 poles) ≤ 1 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<br>Without contacts<br>(to be ordered separately)                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">CXCM 4/2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                    |  |
|   | Female inserts for female contacts<br>Without contacts<br>(to be ordered separately)                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">CXCF 4/2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                    |  |
|  | <b>80 A crimp contacts</b><br>section (mm <sup>2</sup> )    section (AWG)<br>6                    10<br>10                  8-7<br>16                  6-5<br>16 (XF)*        6-5<br>25                  4-3<br><br><b>16 A crimp contacts</b><br>section (mm <sup>2</sup> )    section (AWG)<br>0,14-0,37        26-22<br>0,5                20<br>0,75               18<br>1                    18<br>1,5                16<br>2,5                14<br>3                    12<br>4                    12 | <b>Male</b><br><br><br><a href="#">CX7MA 6.0</a><br><a href="#">CX7MA 10</a><br><a href="#">CX7MA 16</a><br><a href="#">CX7MA 16 XF</a><br><a href="#">CX7MA 25</a><br><br><br><a href="#">CCMA 0.3</a><br><a href="#">CCMA 0.5</a><br><a href="#">CCMA 0.7</a><br><a href="#">CCMA 1.0</a><br><a href="#">CCMA 1.5</a><br><a href="#">CCMA 2.5</a><br><a href="#">CCMA 3.0</a><br><a href="#">CCMA 4.0</a> | <b>Female</b><br><br><a href="#">CX7FA 6.0</a><br><a href="#">CX7FA 10</a><br><a href="#">CX7FA 16</a><br><a href="#">CX7FA 16 XF</a><br><a href="#">CX7FA 25</a><br><br><a href="#">CCFA 0.3</a><br><a href="#">CCFA 0.5</a><br><a href="#">CCFA 0.7</a><br><a href="#">CCFA 1.0</a><br><a href="#">CCFA 1.5</a><br><a href="#">CCFA 2.5</a><br><a href="#">CCFA 3.0</a><br><a href="#">CCFA 4.0</a> |  |

\* 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)

## Materials

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

| Enclosures size 77.27                          | Pages                 |
|------------------------------------------------|-----------------------|
| <b>Heavy-Duty Applications</b>                 |                       |
| 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     |
| <b>Aggressive Environments</b>                 |                       |
| 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     |
| <b>Specialized Applications</b>                |                       |
| 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             |

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

## CXC 4/2 inserts max. current load derating diagrams

