

# CX 08 I6 / CX 08 I6G

5 A 50 V

size **1 module**


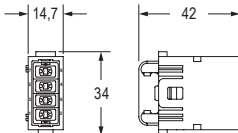

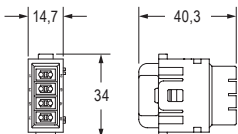

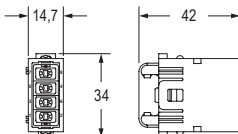
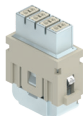
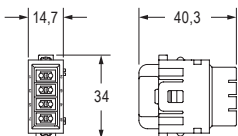



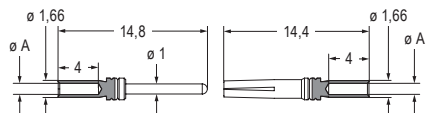
**8 poles + shield connection**

## Crimp connection

EN 61984 rating	5 A 50 V 0,8 kV 3
Rated voltage (UL / CSA)	50 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 4 mΩ
Ambient temperature limit	-40 °C ... +85 °C
Mechanical life (cycles)	≥ 500



**ALUS** ECBT2.E115072 | ECBT8.E115072


Item	Description	Part No.	Dimension												
	Male inserts for male contacts  Without contacts (to be ordered separately)  Shield electrically separated from PE circuit MIXO frame	<a href="#">CX 08 I6M</a>													
	Female inserts for female contacts  Without contacts (to be ordered separately)  Shield electrically separated from PE circuit MIXO frame	<a href="#">CX 08 I6F</a>													
	Male inserts for male contacts  Without contacts (to be ordered separately)  Shield electrically in contact with PE circuit MIXO frame by dual stainless steel springs on the insert	<a href="#">CX 08 I6GM</a>													
	Female inserts for female contacts  Without contacts (to be ordered separately)  Shield electrically in contact with PE circuit MIXO frame by dual stainless steel springs on the insert	<a href="#">CX 08 I6GF</a>													
	<b>5 A crimp contacts</b> section (mm <sup>2</sup> )    section (AWG) 0,08-0,21        28-24 0,13-0,33        26-22 0,33-0,52        22-20	<b>Male</b>  <a href="#">CIMG 0.2</a> <a href="#">CIMG 0.3</a> <a href="#">CIMG 0.5</a>	<b>Female</b>  <a href="#">CIFD 0.2</a> <a href="#">CIFD 0.3</a> <a href="#">CIFD 0.5</a>												
															
			<b>Wiring information, CI contacts</b> <table><tr><th>conductor section (mm<sup>2</sup>)</th><th>conductor slot ø A (mm)</th><th>stripping length (mm)</th></tr><tr><td>0,08-0,21</td><td>0,64</td><td>4</td></tr><tr><td>0,13-0,33</td><td>0,9</td><td>4</td></tr><tr><td>0,33-0,52</td><td>1,12</td><td>4</td></tr></table>	conductor section (mm <sup>2</sup> )	conductor slot ø A (mm)	stripping length (mm)	0,08-0,21	0,64	4	0,13-0,33	0,9	4	0,33-0,52	1,12	4
conductor section (mm <sup>2</sup> )	conductor slot ø A (mm)	stripping length (mm)													
0,08-0,21	0,64	4													
0,13-0,33	0,9	4													
0,33-0,52	1,12	4													
			Wire diameter: up to 1,7 mm. For basic or high thickness gold plating, please refer to page F.17. <b>It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)</b>												

Wire diameter: up to 1,7 mm.

For basic or high thickness gold plating, please refer to page F.17.

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

## Materials

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

## Accessories

## Pages

<b>MIXO Frames</b>	
Metal frames for modular units	C.94-95
Thermoplastic docking frames	C.98-101
<b>Enclosures</b>	
Insulating MIXO holder	C.103
MIXO ONE	C.106-107
MIXO TWO	C.110-111



**CX..CA**  
Cable clamps  
Page C.61



**CX..CF**  
Crimp flanges (1)  
Page G.28



**CX..S**  
Crimp sleeves (1)  
Page G.29

(1) Upon request we can supply crimp flanges (code **CX..CF**) and crimp sleeves (code **CX..S**) of different diameters that must be chosen according to the specific cable shield and insulation diameter. Please contact ILME Commercial Offices.

Gigabit Ethernet Cat 6A, Class E<sub>A</sub> up to 500 Mhz and up to 10 Gbit/s.

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



**Tutorial**

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

dimensions shown in mm are not binding and may be changed without notice

**C.59**