

CX 20S I / CX 20S IG

4 A 32 V


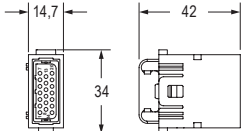

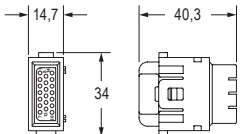

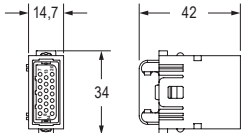

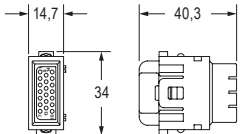


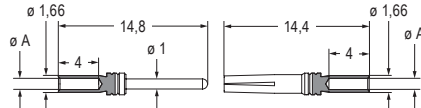
size **1 module**
20 poles + shield connection

Crimp connection

EN 61984 rating	4 A 32 V 0,8 kV 3
Rated voltage (UL / CSA)	32 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 4 mΩ
Ambient temperature limit	-40 °C ... +85 °C
Mechanical life (cycles)	≥ 500



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	CX 20S IM													
	Female inserts for female contacts Without contacts (to be ordered separately) Shield electrically separated from PE circuit MIXO frame	CX 20S IF													
	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	CX 20S IGM													
	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	CX 20S IGF													
	5 A crimp contacts section (mm ²) section (AWG) 0,08-0,21 28-24 0,13-0,33 26-22 0,33-0,52 22-20	Male  CIMD 0.2 CIMD 0.3 CIMD 0.5	Female CIFD 0.2 CIFD 0.3 CIFD 0.5												
															
			Wiring information, CI contacts <table><tr><th>conductor section (mm²)</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 ²)	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
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0,33-0,52	1,12	4													
			Wire diameter: up to 1,9 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)												

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

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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

MIXO Frames

Metal frames for modular units	C.94-95
Thermoplastic docking frames	C.98-101

Enclosures

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.

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