

CX 25 IB

4 A 50 V

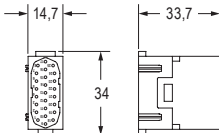
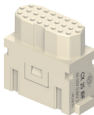
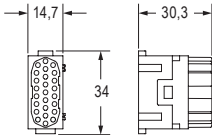
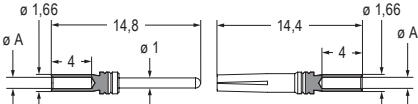
size **1 module**
25 poles

Crimp connection

EN 61984 rating	4 A 50 V 0,8 kV 3
	4 A 160 V 2,5 kV 2
Rated voltage (UL / CSA)	600 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 4 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500



ECBT2.E115072 | ECBT8.E115072
PVVA2.E506437 | PVVA8.E506437

Item	Description	Part No.	Dimension																																				
	Male inserts for male contacts Without contacts (to be ordered separately)	CX 25 IBM																																					
	Female inserts for female contacts Without contacts (to be ordered separately)	CX 25 IBF																																					
	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 0,52-0,75 20-18	<table><tr><td></td><td>Male</td><td>Female</td></tr><tr><td rowspan="4"></td><td>CIMA 0.2</td><td>CIFA 0.2</td></tr><tr><td>CIMA 0.3</td><td>CIFA 0.3</td></tr><tr><td>CIMA 0.5</td><td>CIFA 0.5</td></tr><tr><td>CIMA 0.7</td><td>CIFA 0.7</td></tr><tr><td rowspan="4"></td><td>CIMD 0.2</td><td>CIFD 0.2</td></tr><tr><td>CIMD 0.3</td><td>CIFD 0.3</td></tr><tr><td>CIMD 0.5</td><td>CIFD 0.5</td></tr><tr><td>CIMD 0.7</td><td>CIFD 0.7</td></tr></table>		Male	Female		CIMA 0.2	CIFA 0.2	CIMA 0.3	CIFA 0.3	CIMA 0.5	CIFA 0.5	CIMA 0.7	CIFA 0.7		CIMD 0.2	CIFD 0.2	CIMD 0.3	CIFD 0.3	CIMD 0.5	CIFD 0.5	CIMD 0.7	CIFD 0.7	 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><tr><td>0,52-0,75</td><td>1,30</td><td>4</td></tr></table> Wire diameter: up to 2,1 mm. For basic or high thickness gold plating, please refer to page F.17. For stamped crimp contacts (SI series), please refer to page F.19. It is recommended to use the crimping tools and removal tools homologated by ILME (please see page F.23)	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	0,52-0,75	1,30	4
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Materials

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

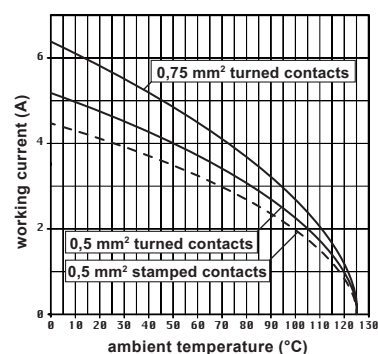
Accessories

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 25 IB inserts max. current load derating diagram

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