

CX 02 H

16 A 2900/5000 V

size **2 modules**
2 poles

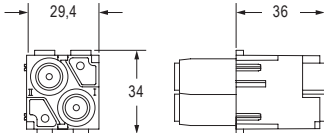
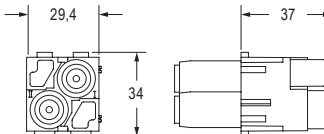
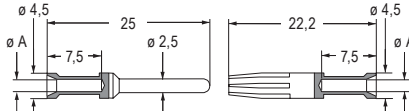
Crimp connection

EN 61984 rating	16 A 2900 / 5000 V 15 kV 3
Rated voltage (UL / CSA)	5000 V
Insulation resistance	≥ 10 GΩ
Contact resistance	≤ 1 mΩ
Ambient temperature limit	-40 °C ... +125 °C
Mechanical life (cycles)	≥ 500

CE UK EAC

ccc DNV BUREAU VERITAS

ALUS ECBT2.E115072 | ECBT8.E115072

Item	Description	Part No.	Dimension																																																									
	High voltage male inserts for male contacts Without contacts (to be ordered separately) Supplied with heat-shrinking insulating tube for the rear of the contacts	CX 02 HM																																																										
	High voltage female inserts for female contacts Without contacts (to be ordered separately) Supplied with heat-shrinking insulating tube for the rear of the contacts	CX 02 HF																																																										
	16 A crimp contacts section (mm ²) section (AWG) 0,5 20 0,75 18 1 18 1,5 16 2,5 14 3 12 4 12 0,5 20 0,75 18 1 18 1,5 16 2,5 14 3 12 4 12	<table><tr><td></td><td>Male</td><td>Female</td></tr><tr><td rowspan="7">silver</td><td>CCMA 0.5</td><td>CCFA 0.5</td></tr><tr><td>CCMA 0.7</td><td>CCFA 0.7</td></tr><tr><td>CCMA 1.0</td><td>CCFA 1.0</td></tr><tr><td>CCMA 1.5</td><td>CCFA 1.5</td></tr><tr><td>CCMA 2.5</td><td>CCFA 2.5</td></tr><tr><td>CCMA 3.0</td><td>CCFA 3.0</td></tr><tr><td>CCMA 4.0</td><td>CCFA 4.0</td></tr><tr><td rowspan="7">gold</td><td>CCMD 0.5</td><td>CCFD 0.5</td></tr><tr><td>CCMD 0.7</td><td>CCFD 0.7</td></tr><tr><td>CCMD 1.0</td><td>CCFD 1.0</td></tr><tr><td>CCMD 1.5</td><td>CCFD 1.5</td></tr><tr><td>CCMD 2.5</td><td>CCFD 2.5</td></tr><tr><td>CCMD 3.0</td><td>CCFD 3.0</td></tr><tr><td>CCMD 4.0</td><td>CCFD 4.0</td></tr></table>		Male	Female	silver	CCMA 0.5	CCFA 0.5	CCMA 0.7	CCFA 0.7	CCMA 1.0	CCFA 1.0	CCMA 1.5	CCFA 1.5	CCMA 2.5	CCFA 2.5	CCMA 3.0	CCFA 3.0	CCMA 4.0	CCFA 4.0	gold	CCMD 0.5	CCFD 0.5	CCMD 0.7	CCFD 0.7	CCMD 1.0	CCFD 1.0	CCMD 1.5	CCFD 1.5	CCMD 2.5	CCFD 2.5	CCMD 3.0	CCFD 3.0	CCMD 4.0	CCFD 4.0	 Wiring information, CC contacts <table><tr><th>conductor section (mm²)</th><th>conductor slot ø A (mm)</th><th>stripping length (mm)</th></tr><tr><td>0,5</td><td>1,1</td><td>9,5</td></tr><tr><td>0,75</td><td>1,3</td><td>9,5</td></tr><tr><td>1,0</td><td>1,45</td><td>9,5</td></tr><tr><td>1,5</td><td>1,8</td><td>9,5</td></tr><tr><td>2,5</td><td>2,2</td><td>9,5</td></tr><tr><td>3,0</td><td>2,55</td><td>9,5</td></tr><tr><td>4,0</td><td>2,85</td><td>9,5</td></tr></table> Wire diameter: up to 4,7 mm. For basic or high thickness gold plating, please refer to page F.13. 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)	0,5	1,1	9,5	0,75	1,3	9,5	1,0	1,45	9,5	1,5	1,8	9,5	2,5	2,2	9,5	3,0	2,55	9,5	4,0	2,85	9,5
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Materials

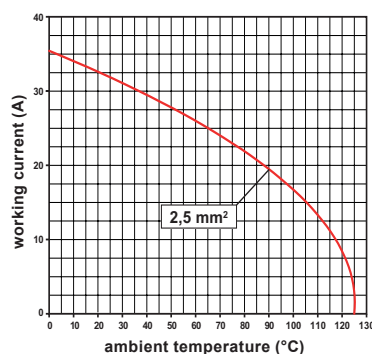
Insert	polycarbonate (PC)
UL 94 flame rating	V-0
Colour	pebble grey, RAL 7032
Contacts	copper alloy, silver and gold plated

Accessories

Pages

MIXO Frames

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



CX 02 H inserts max. current load derating diagram