

The modular inserts must be installed in suitable frames which in turn are installed in traditional housings \* or COB panel support.

frames for modular units \* ..... page: 215

\* enclosures: bulkhead mounting housings, high construction housings or high construction hoods

- characteristics according to EN 61984 \*\*:

**16A 2900/5000V 15kV 3**

- \*\* used for guidance as applicable
- insulation resistance:  $\geq 10 \text{ G}\Omega$
- ambient temperature limit:  $-40 \text{ }^\circ\text{C} \dots +125 \text{ }^\circ\text{C}$
- are made of self-extinguishing thermoplastic resin UL 94 V0
- mechanical life:  $\geq 500$  cycles
- contact resistance:  $\leq 1 \text{ m}\Omega$
- for contact crimping, see the crimp tool section (16A CCF and CCM series contacts) on pages 534, 538, 544, 546, 548

**high voltage modular units, crimp connections contact holder removal tool**



**16A crimp contacts silver and gold plated**



description	part No.	part No.	part No.
without contacts (to be ordered separately) - female inserts high voltage for female contacts - male inserts high voltage for male contacts	<b>CX 02 HF</b> <b>CX 02 HM</b>		
contact holder removal tool	<b>CHES</b>		
16A female contacts			
0,14-0,37 mm <sup>2</sup> AWG 26-22 three grooves		<b>CCFA 0.3</b>	<b>CCFD 0.3</b>
0,5 mm <sup>2</sup> AWG 20 with no grooves		<b>CCFA 0.5</b>	<b>CCFD 0.5</b>
0,75 mm <sup>2</sup> AWG 18 one groove (back side)		<b>CCFA 0.7</b>	<b>CCFD 0.7</b>
1 mm <sup>2</sup> AWG 18 one groove		<b>CCFA 1.0</b>	<b>CCFD 1.0</b>
1,5 mm <sup>2</sup> AWG 16 two grooves		<b>CCFA 1.5</b>	<b>CCFD 1.5</b>
2,5 mm <sup>2</sup> AWG 14 three grooves		<b>CCFA 2.5</b>	<b>CCFD 2.5</b>
3 mm <sup>2</sup> AWG 12 one wide groove		<b>CCFA 3.0</b>	<b>CCFD 3.0</b>
4 mm <sup>2</sup> AWG 12 with no grooves		<b>CCFA 4.0</b>	<b>CCFD 4.0</b>
16A male contacts			
0,14-0,37 mm <sup>2</sup> AWG 26-22 three grooves		<b>CCMA 0.3</b>	<b>CCMD 0.3</b>
0,5 mm <sup>2</sup> AWG 20 with no grooves		<b>CCMA 0.5</b>	<b>CCMD 0.5</b>
0,75 mm <sup>2</sup> AWG 18 one groove (back side)		<b>CCMA 0.7</b>	<b>CCMD 0.7</b>
1 mm <sup>2</sup> AWG 18 one groove		<b>CCMA 1.0</b>	<b>CCMD 1.0</b>
1,5 mm <sup>2</sup> AWG 16 two grooves		<b>CCMA 1.5</b>	<b>CCMD 1.5</b>
2,5 mm <sup>2</sup> AWG 14 three grooves		<b>CCMA 2.5</b>	<b>CCMD 2.5</b>
3 mm <sup>2</sup> AWG 12 one wide groove		<b>CCMA 3.0</b>	<b>CCMD 3.0</b>
4 mm <sup>2</sup> AWG 12 with no grooves			

silver plated

gold plated 1)

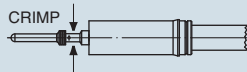
**How to use the MIXO HT module**

**Wiring and assembly:**

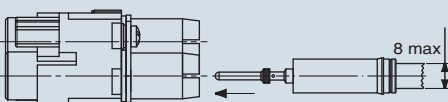
- Strip the wire by 9.5 mm length and insert it into the contact holder



- Crimp series CC contact (16A max) on the stripped wire



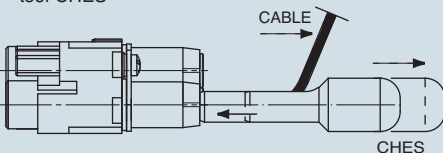
- Insert the contact holder into the module



Heat shrinking tubes to be applied on the rear side of the module and over the contact holder are furnished together with the product

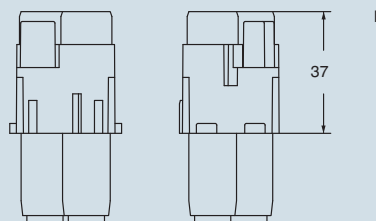
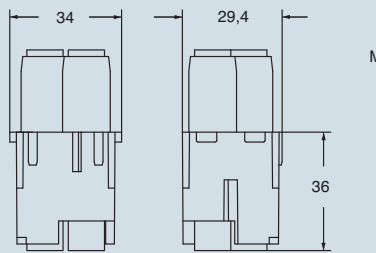
**Removal:**

- Remove the contact holder by means of the proper tool CHES



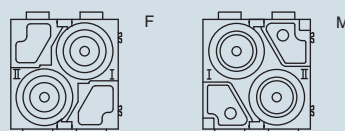
dimensions shown are not binding and may be changed without notice

**dimensions in mm**



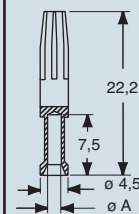
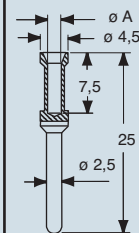
**contacts side (front view)**

side with reference arrow ▲



- 2 frame slots

**dimensions in mm**



**CCF, CCM contacts**

conductor section	conductor slot	conductors stripping length
mm <sup>2</sup>	ø A (mm)	(mm)
0,14-0,37	0,9	7,5
0,5	1,1	7,5
0,75	1,3	7,5
1,0	1,45	7,5
1,5	1,8	7,5
2,5	2,2	7,5
3	2,55	7,5
4	2,85	7,5

1) basic or high thickness gold plating page 481