

INSULATED CHAIN QUICK DISCONNECT TERMINALS "CP" range, with easy entry

HALOGEN FREE
 OPERATING
 TEMPERATURE
 UP TO 115° C



Description:

The "CP" range of quick disconnect terminals has been designed to meet the increasing demands for improved safety and reliability of electrical connectors.

Developed for use with production machinery, to give a quick and reliable crimped joint.

The polycarbonate insulation is a halogen free and self extinguishing thermoplastic material class V0 (UL 94).

The unique funnel shaped entry of the insulation sleeve guarantees total insertion of the conductor strands into the terminal barrel, creating a secure and reliable, electrical and mechanical connection.

Technical details:

- The connectors are manufactured from brass P-Cu Zn 30 UNI 4895/1962 (corresponding to: Cu Zn 30 DIN 17660/1974 ; Cu Zn 30 NFA51-101/1977) and are tin plated with a minimum thickness of 3µm.
- The reinforcement tube is made of copper SF Cu DIN 1787/1973, F25
- Fulfil the IEC 760 requirements
- Main characteristics of the PC sleeves:

- DIELECTRIC STRENGTH (KV/mm)	: >30
- VOLUME RESISTIVITY (Ω/cm)	: >10 ¹⁶
- MAX OPERATING TEMPERATURE (°C)	: 115÷130
- FLAMMABILITY (UL-94)	: V0
- DENSITY (g/cm ³)	: 1,2
- WATER ABSORPTION (%)	: 0,15
- BREAKING LOAD (N/mm ²)	: >65
- The connectors can be used within the following temperature range: - 20 ÷ + 115 °C (Surge + 130° C)
- The connectors can be stored at a minimum temperature not below - 40°C.

Markings:



BT Directive EEC 73/23 (modified by EEC 93/68)



According to UL 310 standard (file 212000)

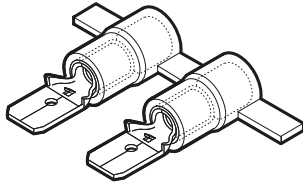
Cembre SpA

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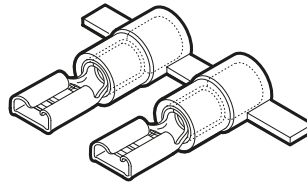
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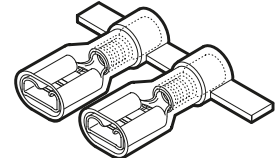
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Sections and Dimensions:
male disconnect terminals


Conductor Size sqmm (AWG)	Ref.	Tab mm	Quantity
0,25÷1,5 (22÷16)	CRP-M 608	6,35 x 0,8	2.000
1,5÷2,5 (16÷14)	CBP-M 608	6,35 x 0,8	1.750
4÷6 (12÷10)	CGP-M 608	6,35 x 0,8	1.250

female disconnect terminals


Conductor Size sqmm (AWG)	Ref.	Tab mm	Quantity
0,25÷1,5 (22÷16)	CRP-F 305	2,8 x 0,5	2.000
	CRP-F 308	2,8 x 0,8	2.000
	CRP-F 405	4,8 x 0,5	2.000
	CRP-F 408	4,8 x 0,8	2.000
1,5÷2,5 (16÷14)	CRP-F 608	6,35 x 0,8	2.000
	CBP-F 405	4,8 x 0,5	1.750
	CBP-F 408	4,8 x 0,8	1.750
4÷6 (12÷10)	CBP-F 608	6,35 x 0,8	1.750
	CGP-F 608	6,35 x 0,8	1.250

**female disconnect terminals
fully insulated**


Conductor Size sqmm (AWG)	Ref.	Tab mm	Quantity
0,25÷1,5 (22÷16)	CRP-F 405P*	4,8 x 0,5	2.000
	CRP-F 408P*	4,8 x 0,8	2.000
	CRP-F 608P*	6,35 x 0,8	1.500
1,5÷2,5 (16÷14)	CBP-F 408P*	4,8 x 0,8	1.500
	CBP-F 608P*	6,35 x 0,8	1.500
4÷6 (12÷10)	CGP-F 608P*	6,35 x 0,8	1.250

♦Not UL approved

*Made to order

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