

INSULATED CHAIN TERMINALS CBP-F608P

female disconnect terminals fully insulated

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

Developed for use with production equipment, to give a quick and reliable crimped joint, the polycarbonate insulation is a halogen free, 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 electrolytic Copper Cu-ETP CWO04A according to UNI EN 13599 and are tin plated with a minimum thickness of 3µm.

Main characteristics of the PC sleeves:

- DIELECTRIC STRENGTH (KV/mm): > 30
- VOLUME RESISTIVITY (Ω/cm): >10¹⁶
- MAX OPERATING TEMPERATURE (°C): 115-130
- FLAMMABILITY (UL-94): V0
- DENSITY (g/cm³): 1,2
- WATER ABSORPTION (%): 0,15
- BREAKING LOAD (N/mm²): > 65

The connectors can be stored at a minimum temperature not below - 40°C.

Markings

Certified according to EN 45545-2:2013 for Hazard Levels HL1 - HL2, requirement set R22 and for Hazard Levels HL1 - HL2 - HL3, requirement set R23

Certificates

□ USL-CNL E212000 Canada & United States

INSULATED CHAIN TERMINALS CBP-F608P

Technical characteristics

	Properties
Colour	Blue
Width	6.35 mm
Length	23.1 mm
Pack qty	1,500
Height of the hooked	0.8 mm
Dimensional form	Female terminal
Easy entry	yes
Halogen Free	yes
UL94 class	V0
Min operating temperature range	-20 °C
Max operating temperature range	115 °C
Dimensional form	Female terminal
Material (Body)	Electrolytically tin-plated brass
Material (Partially reinforced)	ETP Copper electrolytically tinned
Material (Insulated)	Polycarbonate

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