

INSULATED CHAIN TERMINALS CBP-M6/1

ring terminals

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): $> 10^{16}$
- > MAX OPERATING TEMPERATURE ($^{\circ}C$): 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 stored at a minimum temperature not below $-40^{\circ}C$.

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 

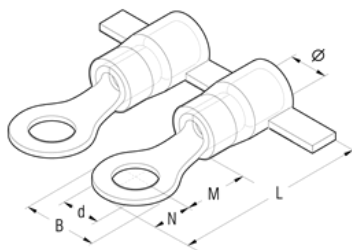
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Technical characteristics

PROPERTIES

Colour	Blue
Width	12 mm
Length	26.4 mm
Diameter	4.9 mm
Diameter of the hole	6.4 mm
Pack qty	1,750
M	10.3 mm
N	6 mm
Dimensional form	Ring terminal
Easy entry	yes
Halogen Free	yes
UL94 class	V0
Min operating temperature range	-20 °C
Max operating temperature range	115 °C
Dimensional form	Ring terminal
Material (Body)	ETP electrolytic tinned Copper
Material (Partially reinforced)	Polycarbonate





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