

# INSULATED CHAIN TERMINALS CBP-P8

## *pin 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 machinery, to give a quick and reliable crimped joint. The polycarbonate insulation, is a halogen free, self extinguishing (V = 0, as per UL Specification for flammability) thermoplastic material.

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 ( $\Omega/cm$ ):  $>10^{16}$
- >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°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 

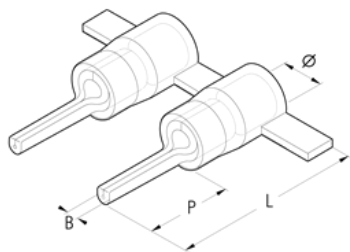
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# INSULATED CHAIN TERMINALS CBP-P8

## *Technical characteristics*

### PROPERTIES

|                                 |                                |
|---------------------------------|--------------------------------|
| Color                           | Blue                           |
| Width                           | 0.07 in.                       |
| Length                          | 0.7 in.                        |
| Diameter                        | 0.19 in.                       |
| Pack qty                        | 1,750                          |
| Pin lenght                      | 0.31 in.                       |
| Dimensional form                | Pin terminal                   |
| Easy entry                      | yes                            |
| Halogen Free                    | yes                            |
| UL94 class                      | V0                             |
| Min operating temperature range | -4 °F                          |
| Max operating temperature range | 239 °F                         |
| Dimensional form                | Pin terminal                   |
| Material (Body)                 | ETP electrolytic tinned Copper |
| Material (Partially reinforced) | Polycarbonate                  |





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