

# INSULATED CHAIN TERMINALS CP-M608

## *male disconnect 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

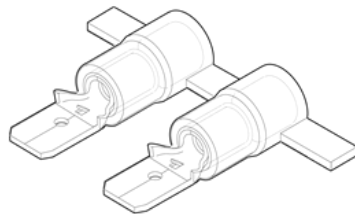
CERTIFICATES 

 2011/65/EU

# INSULATED CHAIN TERMINALS CP-M608

## *Technical characteristics*

Easy entry	yes
Halogen Free	yes
UL94 class	V0
Min operating temperature range	-4 °F
Max operating temperature range	239 °F
Max operating temperature range (surge)	266 °F
Dimensional form	Male terminal
Material (Body)	Electrolytically tin-plated brass
Material (Partially reinforced)	ETP Copper electrolytically tinned
Material (Partially reinforced)	Polycarbonate



# INSULATED CHAIN TERMINALS CP-M608

## List of products

### **CRP-M608** *Cable type: flexible copper, Minimum section: 22 AWG, Maximum section: 16 AWG*



Type	Width	Length	Pack qty	Color	Height of the hooked
CRP-M608	0.25 in.	0.85 in.	2,000	Red	0.03 in.

### **CRP-M608** *Cable type: copper, Minimum section: 22 AWG, Maximum section: 16 AWG*



Type	Width	Length	Pack qty	Color	Height of the hooked
CRP-M608	0.25 in.	0.85 in.	2,000	Red	0.03 in.

### **CBP-M608** *Cable type: copper, Minimum section: 16 AWG, Maximum section: 14 AWG*



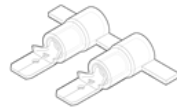
Type	Width	Length	Pack qty	Color	Height of the hooked
CBP-M608	0.25 in.	0.85 in.	1,750	Blue	0.03 in.

### **CBP-M608** *Cable type: flexible copper, Minimum section: 16 AWG, Maximum section: 15 AWG*



Type	Width	Length	Pack qty	Color	Height of the hooked
CBP-M608	0.25 in.	0.85 in.	1,750	Blue	0.03 in.

**CGP-M608** *Cable type: flexible copper, Minimum section: 12 AWG, Maximum section: 10 AWG*



Type	Width	Length	Pack qty	Color	Height of the hooked
CGP-M608	0.25 in.	0.99 in.	1,250	Yellow	0.03 in.

**CGP-M608** *Cable type: copper, Minimum section: 12 AWG, Maximum section: 10 AWG*



Type	Width	Length	Pack qty	Color	Height of the hooked
CGP-M608	0.25 in.	0.99 in.	1,250	Yellow	0.03 in.