

# INSULATED CHAIN TERMINALS CBP-M5

## *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 ( $\Omega/\text{cm}$ ):  $> 10^{16}$
- > MAX OPERATING TEMPERATURE ( $^{\circ}\text{C}$ ): 115-130
- > FLAMMABILITY (UL-94): V0
- > DENSITY ( $\text{g}/\text{cm}^3$ ): 1,2
- > WATER ABSORPTION (%): 0,15
- > BREAKING LOAD ( $\text{N}/\text{mm}^2$ ): > 65

The connectors can be stored at a minimum temperature not below  $-40^{\circ}\text{C}$ .

## 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 

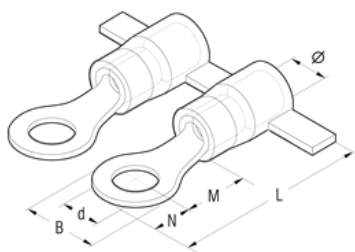
 E125401

# INSULATED CHAIN TERMINALS CBP-M5

## *Technical characteristics*

### PROPERTIES

Colour	Blue
Width	8 mm
Length	21.6 mm
Diameter	4.9 mm
Diameter of the hole	5.3 mm
Pack qty	1,750
M	7.5 mm
N	4 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 Copper electrolytically tinned
Material (Partially reinforced)	Polycarbonate





**SCATTERGOOD  
& JOHNSON LTD**  
ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product manufacturers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

**[www.scatts.co.uk](http://www.scatts.co.uk)**