

# INSULATED CHAIN TERMINALS CP-M

## *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 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  $-40^{\circ}C$ .

## 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 

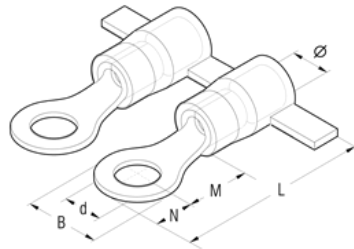


2011/65/EU

# INSULATED CHAIN TERMINALS CP-M

## *Technical characteristics*

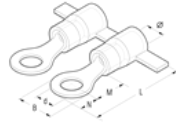
Easy entry	yes
Halogen Free	yes
UL94 class	V0
Min operating temperature range	-4 °F
Max operating temperature range	239 °F
Max operating temperature range (surge)	266 °F
Dimensional form	Ring terminal
Material (Body)	ETP Copper electrolytically tinned
Material (Partially reinforced)	Polycarbonate



# INSULATED CHAIN TERMINALS CP-M

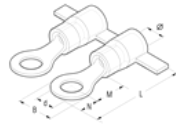
## List of products

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



Type	Color	Ø	B	M	N	L	Height of the hooked	d	Pack qty
CRP-M608	Red		0.25 in.			0.85 in.	0.03 in.		2,000
CRP-M3	Red	0.16 in.	0.22 in.	0.18 in.	0.11 in.	0.69 in.		0.13 in.	2,000
CRP-M3.5	Red	0.16 in.	0.22 in.	0.18 in.	0.11 in.	0.69 in.		0.15 in.	2,000
CRP-M3.5/1	Red	0.16 in.	0.24 in.	0.28 in.	0.12 in.	0.8 in.		0.15 in.	2,000
CRP-M4	Red	0.16 in.	0.28 in.	0.26 in.	0.14 in.	0.79 in.		0.17 in.	2,000
CRP-M4/3	Red	0.16 in.	0.31 in.	0.28 in.	0.15 in.	0.83 in.		0.17 in.	2,000
CRP-M5	Red	0.16 in.	0.31 in.	0.28 in.	0.15 in.	0.83 in.		0.21 in.	2,000
CRP-M6	Red	0.16 in.	0.37 in.	0.32 in.	0.19 in.	0.9 in.		0.25 in.	2,000
CRP-M6/1	Red	0.16 in.	0.47 in.	0.41 in.	0.24 in.	1.04 in.		0.25 in.	2,000
CRP-M7	Red	0.16 in.	0.37 in.	0.32 in.	0.19 in.	0.9 in.		0.28 in.	2,000
CRP-M8	Red	0.16 in.	0.47 in.	0.41 in.	0.24 in.	1.04 in.		0.33 in.	2,000

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

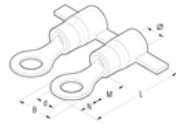


Type	Color	Ø	B	M	N	L	Height of the hooked	d	Pack qty
CRP-M608	Red		0.25 in.			0.85 in.	0.03 in.		2,000
CRP-M3	Red	0.16 in.	0.22 in.	0.18 in.	0.11 in.	0.69 in.		0.13 in.	2,000
CRP-M3.5	Red	0.16 in.	0.22 in.	0.18 in.	0.11 in.	0.69 in.		0.15 in.	2,000
CRP-M3.5/1	Red	0.16 in.	0.24 in.	0.28 in.	0.12 in.	0.8 in.		0.15 in.	2,000
CRP-M4	Red	0.16 in.	0.28 in.	0.26 in.	0.14 in.	0.79 in.		0.17 in.	2,000
CRP-M4/3	Red	0.16 in.	0.31 in.	0.28 in.	0.15 in.	0.83 in.		0.17 in.	2,000
CRP-M5	Red	0.16 in.	0.31 in.	0.28 in.	0.15 in.	0.83 in.		0.21 in.	2,000
CRP-M6	Red	0.16 in.	0.37 in.	0.32 in.	0.19 in.	0.9 in.		0.25 in.	2,000
CRP-M6/1	Red	0.16 in.	0.47 in.	0.41 in.	0.24 in.	1.04 in.		0.25 in.	2,000
CRP-M7	Red	0.16 in.	0.37 in.	0.32 in.	0.19 in.	0.9 in.		0.28 in.	2,000
CRP-M8	Red	0.16 in.	0.47 in.	0.41 in.	0.24 in.	1.04 in.		0.33 in.	2,000

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



Type	Color	Ø	B	M	N	L	Height of the hooked	d	Pack qty
CBP-M608	Blue		0.25 in.			0.85 in.	0.03 in.		1,750
CBP-M3	Blue	0.19 in.	0.22 in.	0.2 in.	0.11 in.	0.7 in.		0.13 in.	1,750
CBP-M3.5	Blue	0.19 in.	0.22 in.	0.2 in.	0.11 in.	0.7 in.		0.15 in.	1,750
CBP-M3.5/1	Blue	0.19 in.	0.24 in.	0.26 in.	0.12 in.	0.77 in.		0.15 in.	1,750
CBP-M4	Blue	0.19 in.	0.31 in.	0.26 in.	0.16 in.	0.81 in.		0.17 in.	1,750
CBP-M5	Blue	0.19 in.	0.31 in.	0.3 in.	0.16 in.	0.85 in.		0.21 in.	1,750
CBP-M6	Blue	0.19 in.	0.37 in.	0.34 in.	0.19 in.	0.92 in.		0.25 in.	1,750
CBP-M6/1	Blue	0.19 in.	0.47 in.	0.41 in.	0.24 in.	1.04 in.		0.25 in.	1,750
CBP-M7	Blue	0.19 in.	0.39 in.	0.31 in.	0.2 in.	0.9 in.		0.28 in.	1,750
CBP-M8	Blue	0.19 in.	0.47 in.	0.41 in.	0.24 in.	1.04 in.		0.33 in.	1,750

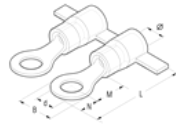
**CBP-M** Cable type: flexible copper, Minimum section: 16 AWG, Maximum section: 15 AWG


Type	Color	Ø	B	M	N	L	Height of the hooked	d	Pack qty
CBP-M608	Blue		0.25 in.			0.85 in.	0.03 in.		1,750
CBP-M3	Blue	0.19 in.	0.22 in.	0.2 in.	0.11 in.	0.7 in.		0.13 in.	1,750
CBP-M3.5	Blue	0.19 in.	0.22 in.	0.2 in.	0.11 in.	0.7 in.		0.15 in.	1,750
CBP-M3.5/1	Blue	0.19 in.	0.24 in.	0.26 in.	0.12 in.	0.77 in.		0.15 in.	1,750
CBP-M4	Blue	0.19 in.	0.31 in.	0.26 in.	0.16 in.	0.81 in.		0.17 in.	1,750
CBP-M5	Blue	0.19 in.	0.31 in.	0.3 in.	0.16 in.	0.85 in.		0.21 in.	1,750
CBP-M6	Blue	0.19 in.	0.37 in.	0.34 in.	0.19 in.	0.92 in.		0.25 in.	1,750
CBP-M6/1	Blue	0.19 in.	0.47 in.	0.41 in.	0.24 in.	1.04 in.		0.25 in.	1,750
CBP-M7	Blue	0.19 in.	0.39 in.	0.31 in.	0.2 in.	0.9 in.		0.28 in.	1,750
CBP-M8	Blue	0.19 in.	0.47 in.	0.41 in.	0.24 in.	1.04 in.		0.33 in.	1,750

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


Type	Color	Ø	B	M	N	L	d	Pack qty
CGP-M3	Yellow	0.26 in.	0.31 in.	0.32 in.	0.16 in.	1.03 in.	0.13 in.	1,250
CGP-M3.5	Yellow	0.26 in.	0.31 in.	0.32 in.	0.16 in.	1.03 in.	0.15 in.	1,250
CGP-M4	Yellow	0.26 in.	0.35 in.	0.32 in.	0.18 in.	1.05 in.	0.17 in.	1,250
CGP-M5	Yellow	0.26 in.	0.35 in.	0.32 in.	0.18 in.	1.05 in.	0.21 in.	1,250
CGP-M6/1	Yellow	0.26 in.	0.43 in.	0.32 in.	0.22 in.	1.09 in.	0.25 in.	1,250
CGP-M7	Yellow	0.26 in.	0.43 in.	0.44 in.	0.22 in.	1.21 in.	0.28 in.	1,250
CGP-M8	Yellow	0.26 in.	0.54 in.	0.48 in.	0.27 in.	1.3 in.	0.33 in.	1,250
CGP-M8/1	Yellow	0.26 in.	0.43 in.	0.32 in.	0.22 in.	1.09 in.	0.33 in.	1,250
CGP-M10	Yellow	0.26 in.	0.54 in.	0.48 in.	0.27 in.	1.3 in.	0.41 in.	1,250

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



Type	Color	Ø	B	M	N	L	d	Pack qty
CGP-M3	Yellow	0.26 in.	0.31 in.	0.32 in.	0.16 in.	1.03 in.	0.13 in.	1,250
CGP-M3.5	Yellow	0.26 in.	0.31 in.	0.32 in.	0.16 in.	1.03 in.	0.15 in.	1,250
CGP-M4	Yellow	0.26 in.	0.35 in.	0.32 in.	0.18 in.	1.05 in.	0.17 in.	1,250
CGP-M5	Yellow	0.26 in.	0.35 in.	0.32 in.	0.18 in.	1.05 in.	0.21 in.	1,250
CGP-M6/1	Yellow	0.26 in.	0.43 in.	0.32 in.	0.22 in.	1.09 in.	0.25 in.	1,250
CGP-M7	Yellow	0.26 in.	0.43 in.	0.44 in.	0.22 in.	1.21 in.	0.28 in.	1,250
CGP-M8	Yellow	0.26 in.	0.54 in.	0.48 in.	0.27 in.	1.3 in.	0.33 in.	1,250
CGP-M8/1	Yellow	0.26 in.	0.43 in.	0.32 in.	0.22 in.	1.09 in.	0.33 in.	1,250
CGP-M10	Yellow	0.26 in.	0.54 in.	0.48 in.	0.27 in.	1.3 in.	0.41 in.	1,250