

INSULATED CHAIN TERMINALS CP-F

female 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 (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°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 

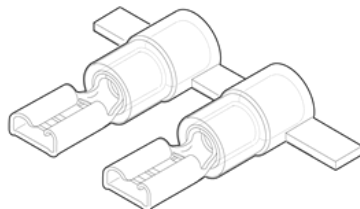


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INSULATED CHAIN TERMINALS CP-F

Technical characteristics

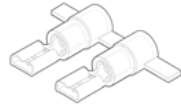
Easy entry	yes
Halogen Free	yes
UL94 class	V0
Min operating temperature range	-4 °F
Max operating temperature range	239 °F
Max operating temperature range (surge)	266 °F
Dimensional form	Female terminal
Material (Body)	Electrolytically tin-plated brass
Material (Partially reinforced)	ETP Copper electrolytically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



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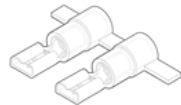
List of products

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



Type	Color	Width	Length	Height of the hooked	Pack qty
CRP-F305	Red	0.11 in.	0.79 in.	0.02 in.	2,000
CRP-F308	Red	0.11 in.	0.79 in.	0.03 in.	2,000
CRP-F405	Red	0.19 in.	0.79 in.	0.02 in.	2,000
CRP-F408	Red	0.19 in.	0.79 in.	0.03 in.	2,000
CRP-F608	Red	0.25 in.	0.89 in.	0.03 in.	2,000

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



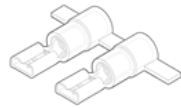
Type	Color	Width	Length	Height of the hooked	Pack qty
CRP-F305	Red	0.11 in.	0.79 in.	0.02 in.	2,000
CRP-F308	Red	0.11 in.	0.79 in.	0.03 in.	2,000
CRP-F405	Red	0.19 in.	0.79 in.	0.02 in.	2,000
CRP-F408	Red	0.19 in.	0.79 in.	0.03 in.	2,000
CRP-F608	Red	0.25 in.	0.89 in.	0.03 in.	2,000

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



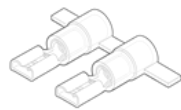
Type	Color	Width	Length	Height of the hooked	Pack qty
CBP-F405	Blue	0.19 in.	0.79 in.	0.02 in.	1,750
CBP-F408	Blue	0.19 in.	0.79 in.	0.03 in.	1,750
CBP-F608	Blue	0.25 in.	0.9 in.	0.03 in.	1,750

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



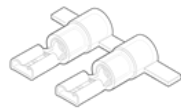
Type	Color	Width	Length	Height of the hooked	Pack qty
CBP-F405	Blue	0.19 in.	0.79 in.	0.02 in.	1,750
CBP-F408	Blue	0.19 in.	0.79 in.	0.03 in.	1,750
CBP-F608	Blue	0.25 in.	0.9 in.	0.03 in.	1,750

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



Type	Color	Width	Length	Height of the hooked	Pack qty
CGP-F608	Yellow	0.25 in.	1.01 in.	0.03 in.	1,250

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



Type	Color	Width	Length	Height of the hooked	Pack qty
CGP-F608	Yellow	0.25 in.	1.01 in.	0.03 in.	1,250