



INSULATED CHAIN TERMINALS "CP" range, with easy entry



HALOGEN FREE
 OPERATING TEMPERATURE UP TO 115° C



Description:

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 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 CW004A according to UNI EN 1652:1999 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) : >1016
 - MAX OPERATING TEMPERATURE (°C) : 115-130
 - FLAMMABILITY (UL-94) : V0
 - DENSITY (g/cm³) : 1,2
 - WATER ABSORPTION (%) : 0,15
 - BREAKING LOAD (N/mm²) : >65
- The connectors can be used within the following temperature range: - 20 ÷ + 115 °C (Surge + 130° C)
- The connectors can be stored at a minimum temperature not below - 40°C.

Markings:



B T Directive EEC 73/23 (modified by EEC 93/68)



According to UL 486A standard (file E125401)

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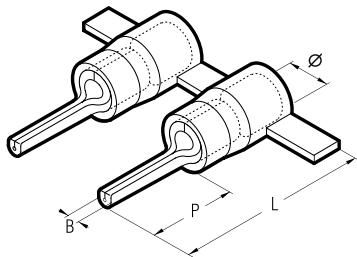
Via Serenissima, 9 - 25135 Brescia (Italy)

Tel.: +39 030 36921 - Telefax: +39 030 3365766

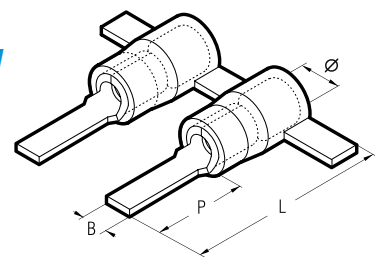
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Sections and Dimensions:

Pin terminals


| Conductor Size sqmm (AWG) | Ref. | Dimensions mm | | | | Quantity |
|---------------------------------|----------|---------------|-----|------|------|----------|
| | | Ø | B | P | L | |
| 0,25÷1,5 (22÷16) | CRP-P 8 | 4,0 | 1,8 | 8,0 | 17,9 | 2.000 |
| | CRP-P 10 | 4,0 | 1,8 | 10,0 | 19,9 | 2.000 |
| | CRP-P 12 | 4,0 | 1,8 | 12,0 | 22,1 | 2.000 |
| 1,5÷2,5 (16÷14) | CBP-P 8 | 4,9 | 1,8 | 8,0 | 17,9 | 1.750 |
| | CBP-P 10 | 4,9 | 1,8 | 10,0 | 19,9 | 1.750 |
| | CBP-P 12 | 4,9 | 1,8 | 12,0 | 21,9 | 1.750 |
| 4÷6 (12÷10) | CGPP 10 | 6,6 | 2,2 | 10,0 | 24,5 | 1.250 |
| | CGPP 12 | 6,6 | 2,2 | 12,0 | 26,7 | 1.250 |
| | CGPP 14 | 6,6 | 2,2 | 14,0 | 28,7 | 1.250 |

blade terminal


| Conductor Size sqmm (AWG) | Ref. | Dimensions mm | | | | Quantity |
|---------------------------------|---------------|---------------|-----|------|------|----------|
| | | Ø | B | P | L | |
| 0,25÷1,5 (22÷16) | CRP-PP 12 | 4,0 | 3,0 | 12,8 | 22,9 | 2.000 |
| | *CRP-PP 12/1 | 4,0 | 3,0 | 11,3 | 21,4 | 2.000 |
| | *CRP-PP 12/23 | 4,0 | 2,3 | 13,2 | 23,3 | 2.000 |
| 1,5÷2,5 (16÷14) | CRP-PP 14 | 4,0 | 3,0 | 14,8 | 24,9 | 2.000 |
| | CBP-PP 12 | 4,9 | 3,5 | 12,8 | 22,9 | 1.750 |
| | *CBP-PP 12/25 | 4,9 | 2,5 | 13,3 | 23,4 | 1.750 |
| 4÷6 (12÷10) | CGP-PP 12 | 6,6 | 4,0 | 13,3 | 27,4 | 1.250 |
| | *CGP-PP 17 | 6,6 | 2,9 | 19,1 | 33,2 | 1.250 |

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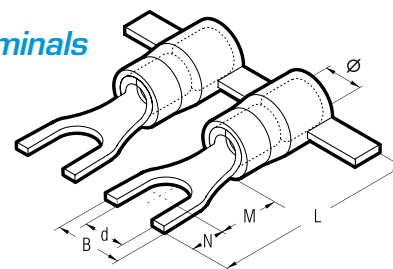
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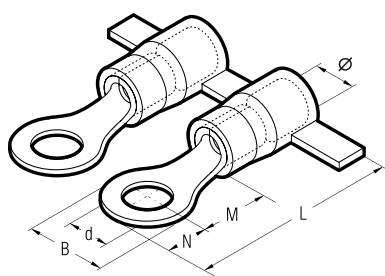
INSULATED CHAIN TERMINALS
“CP” range, with easy entry

Sections and Dimensions:

fork/spade terminals

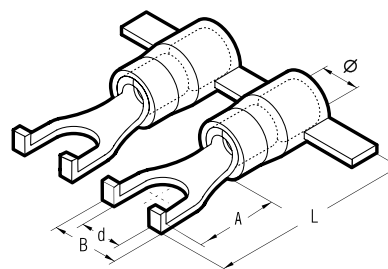


ring terminals



| Cond. Size sqmm (AWG) | Ø Stud mm | Ref. | Dimensions mm | | | | | Quantity | |
|-----------------------------|-----------------|-------------|---------------|------|------|-----|------|----------|-------|
| | | | Ø | B | M | N | L | | d |
| 0,25÷1,5 (22÷16) | 3 | CRP-M 3 | 4,0 | 5,6 | 4,5 | 2,8 | 17,4 | 3,2 | 2.000 |
| | 3,5 | CRP-M 3,5 | 4,0 | 5,6 | 4,5 | 2,8 | 17,4 | 3,7 | 2.000 |
| | 3,5 | CRP-M 3,5/1 | 4,0 | 6,2 | 7,1 | 3,1 | 20,2 | 3,7 | 2.000 |
| | 4 | CRP-M 4 | 4,0 | 7,0 | 6,5 | 3,5 | 20,1 | 4,3 | 2.000 |
| | 4 | CRP-M 4/3 | 4,0 | 7,8 | 7,1 | 3,9 | 21,1 | 4,3 | 2.000 |
| | 5 | CRP-M 5 | 4,0 | 7,8 | 7,1 | 3,9 | 21,1 | 5,3 | 2.000 |
| | 6 | CRP-M 6 | 4,0 | 9,4 | 8,1 | 4,7 | 22,9 | 6,4 | 2.000 |
| | 6 | CRP-M 6/1 | 4,0 | 12,0 | 10,3 | 6,0 | 26,4 | 6,4 | 2.000 |
| 1,5÷2,5 (16÷14) | 7 | CRP-M 7 | 4,0 | 9,4 | 8,1 | 4,7 | 22,9 | 7,2 | 2.000 |
| | 8 | CRP-M 8 | 4,0 | 12,0 | 10,3 | 6,0 | 26,4 | 8,4 | 2.000 |
| | 3 | CBP-M 3 | 4,9 | 5,6 | 5,0 | 2,8 | 17,9 | 3,2 | 1.750 |
| | 3,5 | CBP-M 3,5 | 4,9 | 5,6 | 5,0 | 2,8 | 17,9 | 3,7 | 1.750 |
| | 3,5 | CBP-M 3,5/1 | 4,9 | 6,2 | 6,5 | 3,1 | 19,6 | 3,7 | 1.750 |
| | 4 | CBP-M 4 | 4,9 | 8,0 | 6,5 | 4,0 | 20,6 | 4,3 | 1.750 |
| | 5 | CBP-M 5 | 4,9 | 8,0 | 7,5 | 4,0 | 21,6 | 5,3 | 1.750 |
| | 6 | CBP-M 6 | 4,9 | 9,4 | 8,6 | 4,7 | 23,4 | 6,4 | 1.750 |
| 4÷6 (12÷10) | 6 | CBP-M 6/1 | 4,9 | 12,0 | 10,3 | 6,0 | 26,4 | 6,4 | 1.750 |
| | 7 | CBP-M 7 | 4,9 | 10,0 | 7,8 | 5,0 | 22,9 | 7,2 | 1.750 |
| | 8 | CBP-M 8 | 4,9 | 12,0 | 10,3 | 6,0 | 26,4 | 8,4 | 1.750 |
| | 3 | CGP-M 3 | 6,6 | 8,0 | 8,1 | 4,0 | 26,2 | 3,2 | 1.250 |
| | 3,5 | CGP-M 3,5 | 6,6 | 8,0 | 8,1 | 4,0 | 26,2 | 3,7 | 1.250 |
| | 4 | CGP-M 4 | 6,6 | 9,0 | 8,1 | 4,5 | 26,7 | 4,3 | 1.250 |
| | 5 | CGP-M 5 | 6,6 | 9,0 | 8,1 | 4,5 | 26,7 | 5,3 | 1.250 |
| | 6 | CGP-M 6 | 6,6 | 11,0 | 11,1 | 5,5 | 30,7 | 6,4 | 1.250 |
| 1,5÷2,5 (16÷14) | 6 | CGP-M 6/1 | 6,6 | 11,0 | 8,1 | 5,5 | 27,7 | 6,4 | 1.250 |
| | 7 | CGP-M 7 | 6,6 | 11,0 | 11,1 | 5,5 | 30,7 | 7,2 | 1.250 |
| | 8 | CGP-M 8 | 6,6 | 13,6 | 12,1 | 6,8 | 33,0 | 8,4 | 1.250 |
| | 8 | CGP-M 8/1 | 6,6 | 11,0 | 8,1 | 5,5 | 27,7 | 8,4 | 1.250 |

| Cond. Size sqmm (AWG) | Ø Stud mm | Ref. | Dimensions mm | | | | | Quantity | |
|-----------------------------|-----------------|-------------|---------------|------|------|-----|------|----------|-------|
| | | | Ø | B | M | N | L | | d |
| 0,25÷1,5 (22÷16) | 3 | CRP-U 3 | 4,0 | 5,5 | 5,5 | 4,0 | 19,6 | 3,2 | 2.000 |
| | 3,5 | CRP-U 3,5 | 4,0 | 6,0 | 6,5 | 3,8 | 20,4 | 3,7 | 2.000 |
| | 3,5 | CRP-U 3,5/2 | 4,0 | 6,4 | 6,5 | 3,8 | 20,4 | 3,7 | 2.000 |
| | 4 | CRP-U 4 | 4,0 | 6,5 | 7,5 | 3,7 | 21,3 | 4,3 | 2.000 |
| | 4 | CRP-U 4/1 | 4,0 | 8,5 | 7,5 | 3,7 | 21,3 | 4,3 | 2.000 |
| | 4 | CRP-U 4/2 | 4,0 | 7,5 | 7,5 | 3,7 | 21,3 | 4,3 | 2.000 |
| | 5 | CRP-U 5 | 4,0 | 8,5 | 7,5 | 3,7 | 21,3 | 5,3 | 2.000 |
| | 6 | CRP-U 6 | 4,0 | 9,4 | 8,1 | 4,7 | 22,9 | 6,4 | 2.000 |
| 1,5÷2,5 (16÷14) | 6 | CRP-U 6/1 | 4,0 | 12,0 | 9,2 | 7,1 | 26,4 | 6,4 | 2.000 |
| | 8 | CRP-U 8 | 4,0 | 14,0 | 10,0 | 6,3 | 26,4 | 8,4 | 2.000 |
| | 3 | CBP-U 3 | 4,9 | 5,5 | 5,5 | 4,0 | 19,6 | 3,2 | 1.750 |
| | 3,5 | CBP-U 3,5 | 4,9 | 6,4 | 6,5 | 3,8 | 20,4 | 3,7 | 1.750 |
| | 4 | CBP-U 4 | 4,9 | 6,5 | 7,5 | 3,7 | 21,3 | 4,3 | 1.750 |
| | 4 | CBP-U 4/1 | 4,9 | 8,5 | 7,5 | 3,7 | 21,3 | 4,3 | 1.750 |
| | 4 | CBP-U 4/2 | 4,9 | 7,5 | 7,5 | 3,7 | 21,3 | 4,3 | 1.750 |
| | 5 | CBP-U 5 | 4,9 | 8,5 | 7,5 | 3,7 | 21,3 | 5,3 | 1.750 |
| 4÷6 (12÷10) | 6 | CBP-U 6 | 4,9 | 9,4 | 8,1 | 4,7 | 22,9 | 6,4 | 1.750 |
| | 3,5 | CGP-U 3,5 | 6,6 | 7,5 | 8,5 | 3,9 | 26,5 | 3,7 | 1.250 |
| | 4 | CGP-U 4 | 6,6 | 7,5 | 8,0 | 4,4 | 26,5 | 4,3 | 1.250 |
| | 5 | CGP-U 5 | 6,6 | 9,5 | 8,0 | 4,4 | 26,5 | 5,3 | 1.250 |
| | 6 | CGP-U 6 | 6,6 | 10,0 | 11,0 | 5,5 | 30,6 | 6,4 | 1.250 |



| Cond. Size sqmm (AWG) | Ø Stud mm | Ref. | Dimensions mm | | | | Quantity | |
|-----------------------------|-----------------|------------|---------------|-----|-----|------|----------|-------|
| | | | Ø | B | A | L | | d |
| 1,5÷2,5 (16÷14) | 4 | CBP-U 4/3L | 4,9 | 6,5 | 9,5 | 14,5 | 4,3 | 1.750 |

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