

3530.** RING TERMINALS · WITH INSULATION SUPPORT



Specification 12 mm Plate

Ø (mm) 5,3

Din Esp

Wire size mm² (AWG) 1-2,5 (18-14)

Ø Insulation (mm) 3-4,3

Materials, temperature and contact resistance


| Part nr. | Material | Finishing | Max. Temp. (°C) |
|----------|----------|------------|-----------------|
| 3530.00 | Brass | Natural | 110 |
| 3530.02 | Brass | Tin plated | 120 |
| 3530.30 | Bronze | Natural | 120 |
| 3530.32 | Bronze | Tin plated | 130 |

Material thickness (mm) 0,6

Application tool MN3530

Wire strip length 5.2 (±0.5) mm

Crimping parameters & pull out force

| Wire section (±10%) | Conductor  | | Insulator | Pull-out force (N) |
|----------------------|---|--------------|--------------|--------------------|
| | Height (mm) | Width (mm) | | |
| 1.00 mm ² | 2.10 (±0.05) | 3.57 (±0.05) | 4.12 (±0.10) | 108N @ 60s |
| 1.50 mm ² | 2.20 (±0.05) | 3.58 (±0.05) | 4.12 (±0.10) | 150N @ 60s |
| 2.00 mm ² | 2.30 (±0.05) | 3.58 (±0.05) | 4.15 (±0.10) | 150N @ 60s |
| 2.50 mm ² | 2.40 (±0.05) | 3.59 (±0.05) | 4.18 (±0.10) | 230N @ 60s |

Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

Winding number 3000

Approved regulations

| Part nr. | Approval | Standard | File | Certified framework |
|----------|----------|--------------|---------|--|
| 3530.00 | UL | UL 486A-486B | E232316 | AWG 18-14 (16-41 Stranded Cu) / MN3530 |
| 3530.02 | UL | UL 486A-486B | E232316 | AWG 18-14 (16-41 Stranded Cu) / MN3530 |

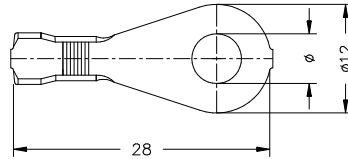
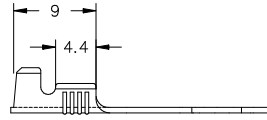
Approvals



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Drawing



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| Rev. Nr. | Concept | Date | Created/Revised | Approved |
|----------|--|------------|------------------|----------|
| A2 | Change company name and logo | 2021-10-21 | Laboratory Dept. | E. Roura |
| A1 | Datasheet generated automatically [A1] | 2018-10-01 | Laboratory Dept. | E. Roura |

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