



**3524.\*\***  
**RING TERMINALS · WITH INSULATION SUPPORT**



**Specification** 12 mm Plate

**Ø (mm)** 6,5

**Din** 46225

**Wire size mm<sup>2</sup> (AWG)** 0,5-1 (20-18)

**Ø Insulation (mm)** 1,8-2,5

**Materials, temperature and contact resistance**


| Part nr. | Material | Finishing  | Max. Temp. (°C) |
|----------|----------|------------|-----------------|
| 3524.00  | Brass    | Natural    | 110             |
| 3524.02  | Brass    | Tin plated | 120             |
| 3524.30  | Bronze   | Natural    | 120             |
| 3524.32  | Bronze   | Tin plated | 130             |

**Material thickness (mm)** 0,6

**Application tool** MN3522

**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)   | Width (mm)   |                    |
| 0.50 mm <sup>2</sup> | 1.70 (±0.03)  | 2.86 (±0.03) | 4.15 (±0.10) | 56N @ 60s          |
| 0.75 mm <sup>2</sup> | 1.75 (±0.05)  | 2.87 (±0.05) | 4.15 (±0.10) | 84N @ 60s          |
| 1.00 mm <sup>2</sup> | 1.80 (±0.05)  | 2.87 (±0.05) | 4.16 (±0.10) | 108N @ 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                    |
|----------|----------|--------------|---------|--|
| 3524.00  | UL       | UL 486A-486B | E232316 | AWG 20-18 (10-16 Stranded Cu) / MN3524 |
| 3524.02  | UL       | UL 486A-486B | E232316 | AWG 20-18 (10-16 Stranded Cu) / MN3524 |

**Approvals**

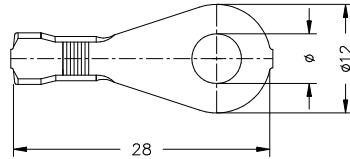
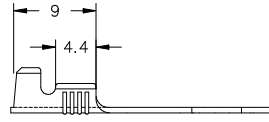




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Drawing



**Disclaimer**

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| Rev. Nr. | Concept                                | Date       | Created/Revised  | Approved |
|----------|--|------------|------------------|----------|
| A1       | Datasheet generated automatically [A1] | 2018-10-01 | Laboratory Dept. | E. Roura |

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