



**3530.\*\***  
**RING TERMINALS · WITH INSULATION SUPPORT**



**Specification** 12 mm Plate

**Ø (mm)** 5,3

**Din** Esp

**Wire size mm<sup>2</sup> (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)	Width (mm)	
1.00 mm <sup>2</sup>	2.10 (±0.05)	3.57 (±0.05)	4.12 (±0.10)	108N @ 60s
1.50 mm <sup>2</sup>	2.20 (±0.05)	3.58 (±0.05)	4.12 (±0.10)	150N @ 60s
2.00 mm <sup>2</sup>	2.30 (±0.05)	3.58 (±0.05)	4.15 (±0.10)	150N @ 60s
2.50 mm <sup>2</sup>	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**

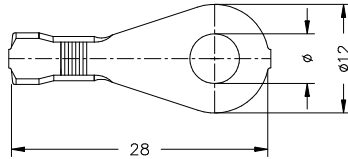
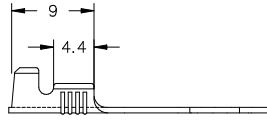




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Drawing



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A1	Datasheet generated automatically [A1]	2018-10-01	Laboratory Dept.	E. Roura

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