



**3435.\*\***  
**RING TERMINALS · WITH INSULATION SUPPORT**



**Specification** 7 mm Plate

**Ø (mm)** 3,6

**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)
3435.00	Brass	Natural	110
3435.02	Brass	Tin plated	120
3435.24	Steel	Nickel-plated	300
3435.30	Bronze	Natural	120
3435.32	Bronze	Tin plated	130

**Material thickness (mm)** 0,5

**Application tool** MN3429

**Wire strip length** 4.0 (±0.3) 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>	1.45 (±0.03)	2.54 (±0.03)	3.54 (±0.10)	56N @ 60s
0.75 mm <sup>2</sup>	1.55 (±0.05)	2.55 (±0.05)	3.55 (±0.10)	84N @ 60s
1.00 mm <sup>2</sup>	1.65 (±0.05)	2.56 (±0.05)	3.55 (±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** 10000

**Approved regulations**

Part nr.	Approval	Standard	File	Certified framework
3435.00	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3435
3435.02	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3435
3435.24	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3435

**Approvals**

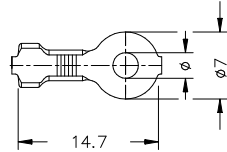
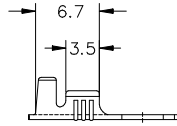




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Drawing



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

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