



3431.**
RING TERMINALS · WITH INSULATION SUPPORT



Specification 7 mm Plate

Ø (mm) 2,95

Wire size mm² (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)
3431.00	Brass	Natural	110
3431.02	Brass	Tin plated	120
3431.24	Steel	Nickel-plated	300
3431.30	Bronze	Natural	120
3431.32	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 ²	1.45 (±0.03)	2.54 (±0.03)	3.54 (±0.10)	56N @ 60s
0.75 mm ²	1.55 (±0.05)	2.55 (±0.05)	3.55 (±0.10)	84N @ 60s
1.00 mm ²	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
3431.00	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3431
3431.02	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3431
3431.24	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3431

Approvals

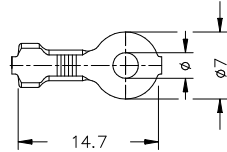
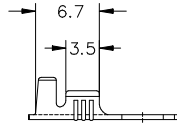




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Drawing



Disclaimer

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

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