

3434.** RING TERMINALS · WITH INSULATION SUPPORT



Specification 6 mm Plate

Ø (mm) 3,6

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)
3434.00	Brass	Natural	110
3434.02	Brass	Tin plated	120
3434.24	Steel	Nickel-plated	300
3434.30	Bronze	Natural	120
3434.32	Bronze	Tin plated	130

Material thickness (mm) 0,5


Max. rated current

Wire section	3434.00 / 02 / 24 / 30 / 32
0.50 mm ²	8A
0.75 mm ²	10A
1.00 mm ²	12A

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
3434.00	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3434
3434.02	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3434
3434.24	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3434

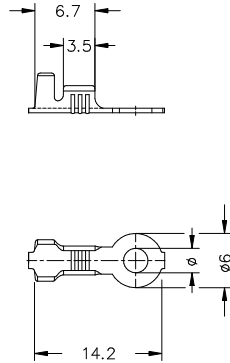
Approvals



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Drawing



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Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	Update Max. rated current	2025-08-04	Laboratory dept.	E. Roura (laboratory dept.)
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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