



3429.**
RING TERMINALS · WITH INSULATION SUPPORT



Specification 7 mm Plate

Ø (mm) 2,7

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)
3429.00	Brass	Natural	110
3429.02	Brass	Tin plated	120
3429.24	Steel	Nickel-plated	300
3429.30	Bronze	Natural	120
3429.32	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
3429.00	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3429
3429.02	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3429
3429.24	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3429

Approvals

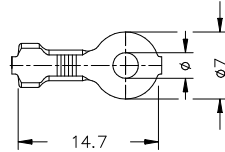
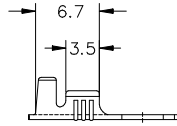




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Drawing



Disclaimer

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

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