

3442.** RING TERMINALS · WITH INSULATION SUPPORT



Specification 6 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)
3442.00	Brass	Natural	110
3442.02	Brass	Tin plated	120
3442.24	Steel	Nickel-plated	300
3442.30	Bronze	Natural	120
3442.32	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
3442.00	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3442
3442.02	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3442
3442.24	UL	UL 486A-486B	E232316	AWG 20-18 (10-16 Stranded Cu) / MN3442

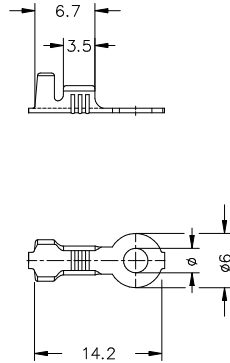
Approvals



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Drawing



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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

Escubedo Connection Systems, S.A.U. · Ctra. de Girona-Olot Km. 35,5 · 17843 Riudellots de la Creu · Girona · Spain
Tel.: 34 972 171 706 · Fax: +34 972 171 714 · info@escubedo.com · www.escubedo.com