



3409.**
RING TERMINALS · WITH INSULATION SUPPORT



Specification 9.5 mm Plate

Ø (mm) 5,3

Wire size mm² (AWG) 1,5-4 (16-12)

Ø Insulation (mm) 3,3-4,5

Materials, temperature and contact resistance


Part nr.	Material	Finishing	Max. Temp. (°C)
3409.00	Brass	Natural	110
3409.02	Brass	Tin plated	120
3409.30	Bronze	Natural	120
3409.32	Bronze	Tin plated	130

Material thickness (mm) 0,6

Application tool MN3408

Wire strip length 6.0 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
1.50 mm ²	2.15 (±0.05)	3.86 (±0.05)	4.90 (±0.10)	150N @ 60s
2.00 mm ²	2.25 (±0.05)	3.86 (±0.05)	4.92 (±0.10)	150N @ 60s
2.50 mm ²	2.35 (±0.05)	3.87 (±0.05)	4.93 (±0.10)	230N @ 60s
3.00 mm ²	2.50 (±0.05)	3.89 (±0.05)	4.93 (±0.10)	≥ 250N
4.00 mm ²	2.70 (±0.05)	3.92 (±0.05)	4.95 (±0.10)	310N @ 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 5000

Approved regulations

Part nr.	Approval	Standard	File	Certified framework
3409.00	UL	UL 486A-486B	E232316	AWG 14-12 (41-65 Stranded Cu) / MN3409
3409.02	UL	UL 486A-486B	E232316	AWG 14-12 (41-65 Stranded Cu) / MN3409

Approvals

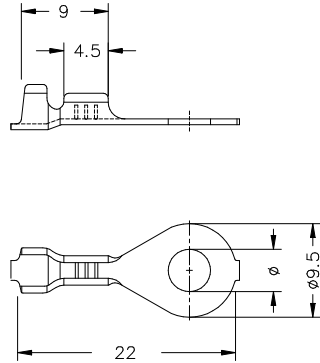




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Drawing



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