



3451.**
RING TERMINALS · WITH INSULATION SUPPORT



Specification 6 mm Plate

Ø (mm) 3,2

Wire size mm² (AWG) 0,75-2 (18-14)

Ø Insulation (mm) 2,5-3,5

Materials, temperature and contact resistance


Part nr.	Material	Finishing	Max. Temp. (°C)
3451.00	Brass	Natural	110
3451.02	Brass	Tin plated	120
3451.24	Steel	Nickel-plated	300
3451.30	Bronze	Natural	120
3451.32	Bronze	Tin plated	130

Material thickness (mm) 0,5

Application tool MN3450

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)	
0.75 mm ²	1.77 (±0.05)	3.00 (±0.05)	4.43 (±0.10)	84N @ 60s
1.00 mm ²	1.84 (±0.05)	3.01 (±0.05)	4.49 (±0.10)	108N @ 60s
1.50 mm ²	1.97 (±0.05)	3.03 (±0.05)	4.51 (±0.10)	150N @ 60s
2.00 mm ²	2.05 (±0.05)	3.04 (±0.05)	4.52 (±0.10)	150N @ 60s

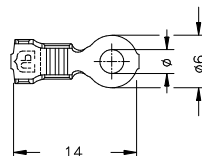
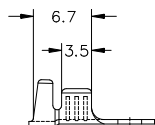
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

Winding number 12000

Approvals



Drawing





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