



3420.**
RING TERMINALS · WITH INSULATION SUPPORT



Specification 9.5 mm Plate

Ø (mm) 4,3

Wire size mm² (AWG) 0,5-2,5 (20-14)

Ø Insulation (mm) 1,8-4,3

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
3420.00	Brass	Natural	110
3420.02	Brass	Tin plated	120
3420.30	Bronze	Natural	120
3420.32	Bronze	Tin plated	130

Material thickness (mm) 0,8

Application tool MN3420

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)		
0.50 mm ²	2.15 (±0.03)	4.06 (±0.03)	4.50 (±0.10)	56N @ 60s
0.75 mm ²	2.20 (±0.05)	4.07 (±0.05)	4.50 (±0.10)	84N @ 60s
1.00 mm ²	2.25 (±0.05)	4.07 (±0.05)	4.50 (±0.10)	108N @ 60s
1.50 mm ²	2.35 (±0.05)	4.07 (±0.05)	4.50 (±0.10)	150N @ 60s
2.00 mm ²	2.45 (±0.05)	4.10 (±0.05)	4.50 (±0.10)	150N @ 60s
2.50 mm ²	2.50 (±0.05)	4.10 (±0.05)	4.50 (±0.10)	230N @ 60s

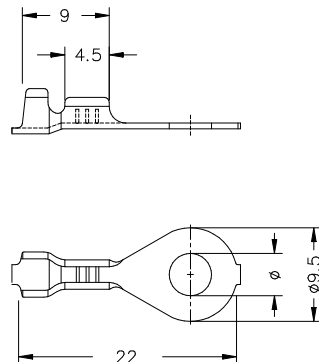
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

Winding number 6000

Approvals



Drawing





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