

3820.** RING TERMINALS · WITH INSULATION SUPPORT



Specification Forks

Ø (mm) 3,7

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)
3820.00	Brass	Natural	110
3820.02	Brass	Tin plated	120
3820.30	Bronze	Natural	120
3820.32	Bronze	Tin plated	130

Material thickness (mm) 0,5

Application tool MN3816

Wire strip length 3.8 (±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

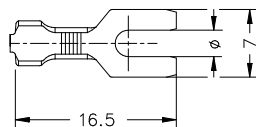
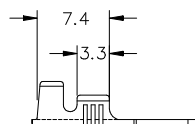
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

Winding number 8000

Approvals



Drawing



3820.**
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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

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