

8441.**

6.3 (.250) TYPE SERIES · RECEPTACLES FOR CONNECTOR



Specification 6.3 mm Timer terminals

Wire size mm² (AWG) 0,5-1,5 (20-16)

Ø Insulation (mm) 1,8-3,3

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
8441.00	Brass	Natural	110
8441.01	Brass	Pre-tin-plated	120
8441.30	Bronze	Natural	120
8441.31	Bronze	Pre-tin-plated	130

Material thickness (mm) 0,32


Max. rated current

Wire section	8441.00 / 01 / 30 / 31
0.50 mm ²	4A
0.75 mm ²	6A
1.00 mm ²	8A
1.50 mm ²	10A

Application tool MN8441

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)		
0.50 mm ²	1.30 (±0.03)	2.33 (±0.05)	3.53 (±0.10)	56N @ 60s
0.75 mm ²	1.35 (±0.05)	2.34 (±0.05)	3.53 (±0.10)	84N @ 60s
1.00 mm ²	1.40 (±0.05)	2.35 (±0.05)	3.55 (±0.10)	108N @ 60s
1.50 mm ²	1.45 (±0.05)	2.36 (±0.05)	3.55 (±0.10)	150N @ 60s

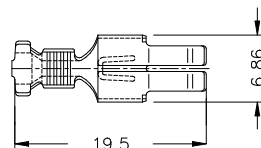
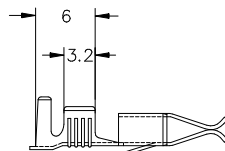
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

Winding number 3500

Approvals



Drawing



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Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A2	Update crimp specifications	2020-05-12	Laboratory Dept.	E. Roura
A1	Datasheet generated automatically [A1]	2018-10-04	Laboratory Dept.	E. Roura

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