

8441F**

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)
8441F00	Brass	Natural	110
8441F01	Brass	Pre-tin-plated	120
8441F30	Bronze	Natural	120
8441F31	Bronze	Pre-tin-plated	130

Material thickness (mm) 0,4

Max. rated current

Wire section	8441F00 / 01 / 30 / 31
0.50 mm ²	6A
0.75 mm ²	8A
1.00 mm ²	10A
1.50 mm ²	12A

Application tool MN8441F

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)	2.32 (±0.03)	3.55 (±0.10)	56N @ 60s
0.75 mm ²	1.50 (±0.05)	2.35 (±0.05)	3.55 (±0.10)	84N @ 60s
1.00 mm ²	1.60 (±0.05)	2.36 (±0.05)	3.57 (±0.10)	108N @ 60s
1.50 mm ²	1.65 (±0.05)	2.40 (±0.05)	3.59 (±0.10)	150N @ 60s

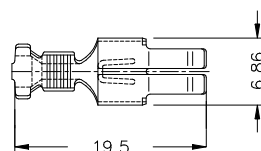
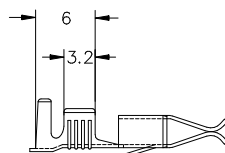
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

Winding number 3500

Approvals



Drawing



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A2	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A1	Datasheet generated automatically [A1]	2018-10-04	Laboratory Dept.	E. Roura

Escubedo Connection Systems, S.A.U. · Ctra. de Girona-Olot Km. 35,5 · 17843 Riudellots de la Creu · Girona · Spain
Tel.: 34 972 171 706 · Fax: +34 972 171 714 · info@escubedo.com · www.escubedo.com