

6433.** 6.3 (.250) TYPE SERIES · MALES



Specification	Males
Typology	Special male
Tongue thickness (mm)	0,4
Din	Esp
Wire size mm² (AWG)	1-2,5 (18-14)
Ø Insulation (mm)	3-4,3

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
6433.00	Brass	Natural	110
6433.01	Brass	Pre-tin-plated	120

Material thickness (mm) 0,4

Max. rated current

Wire section	6433.00 / 01
1.00 mm ²	12A
1.50 mm ²	16A
2.50 mm ²	20A

Application tool MN6433

Wire strip length 5.0 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)		
1.00 mm ²	1.65 (±0.05)	2.86 (±0.05)	4.00 (±0.10)	108N @ 60s
1.50 mm ²	1.75 (±0.05)	2.87 (±0.05)	4.00 (±0.10)	150N @ 60s
2.00 mm ²	1.90 (±0.05)	2.89 (±0.05)	4.00 (±0.10)	150N @ 60s
2.50 mm ²	2.00 (±0.05)	2.90 (±0.05)	4.00 (±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 5000

Approvals

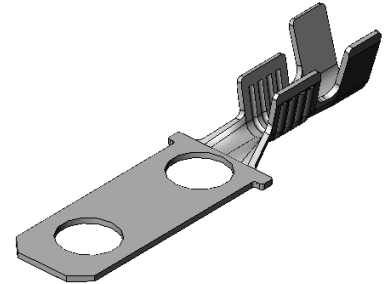
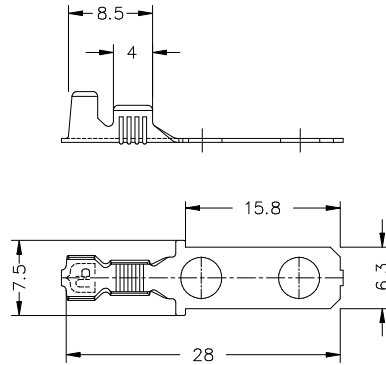


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Drawing



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Rev. Nr.	Concept	Date	Created/Revised	Approved
A2	Change company name and logo	2021-10-21	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)
A1	Datasheet created automatically [A1]	2020-12-09	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)

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