ESCUBEDO CONNECTION SYSTEMS

PRODUCT DATASHEET

6430.**
6.3 (.250) TYPE SERIES · MALES FOR CONNECTOR

Specification Standard Terminals

Typology 6.3x0.4mm Special male

Tongue thickness (mm) 6,3x0,4

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. (ºC)
6430.00	Brass	Natural	110
6430.01	Brass	Pre-tin-plated	120

Material thickness (mm) 0,4

Max. rated current

Wire section	6430.00 / 01
1.00 mm²	12A
1.50 mm²	16A
2.50 mm²	20A

Application tool MN6432

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)	Width (mm)	
1.00 mm²	1.65 (±0.05)	2.86 (±0.05)	4.00 (±0.10)	108N @ 60s
1.50 mm²	1.75 (±0.05)	2.87 (±0.05)	4.00 (±0.10)	150N @ 60s
2.00 mm²	1.90 (±0.05)	2.89 (±0.05)	4.00 (±0.10)	150N @ 60s
2.50 mm²	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

Compatible connectors 26341**, 26342**, 26343**, 26344**, 26346**, 26348**, 26373**, 26376**, 26377**, 26379**, 26382**, 26383**

Approvals RoHS

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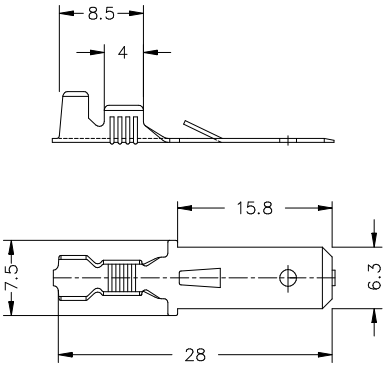
Drawing



Disclaimer

Data obtained from Escubedo Laboratory essays, using own methodology, cablings, equipment and original crimping tools, done in laboratory conditions and following the indicated standards, errors and omissions excepted. This document has no contractual meaning and it is publicised only for informative purposes. It can be changed without prior notice. The end customer has the sole responsibility to check these characteristics in its environment and with its own components, manufacturing methods and equipment. See also the full range product overview if available. For further information please visit our web site or contact us

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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