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PRODUCT DATASHEET

5103.**
SPECIAL TERMINALS · SPLICES

Specification End crimping

W (mm) 5,8

Wire size mm² (AWG) 1,5-3,5 (16-12)

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (ºC)
5103.00	Brass	Natural	110
5103.02	Brass	Tin plated	120
5103.24	Steel	Nickel-plated	300

Material thickness (mm) 0,5

Application tool MN5103

Wire strip length 6.2 (±0.3) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Pull-out force (N)
	Height (mm)	Width (mm)	
1.50 mm²	2.20 (±0.05)	3.31 (±0.05)	150N @ 60s
2.50 mm²	2.30 (±0.05)	3.32 (±0.05)	230N @ 60s
3.50 mm²	2.40 (±0.05)	3.33 (±0.05)	≥ 250N

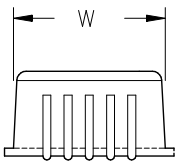
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

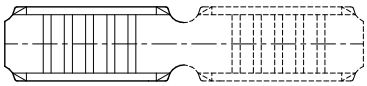
Winding number 20000

Approvals

RoHS

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

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A1	Datasheet generated automatically [A1]	2018-10-01	Laboratory Dept.	E. Roura

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