



5102.**
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Specification End crimping

W (mm) 5,8

Wire size mm² (AWG) 0,75-2,5 (18-14)

Materials, temperature and contact resistance


Material thickness (mm) 0,5

Application tool MN5102

Wire strip length 6.2 (±0.3) mm

Part nr.	Material	Finishing	Max. Temp. (°C)
5102.00	Brass	Natural	110
5102.02	Brass	Tin plated	120
5102.24	Steel	Nickel-plated	300

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Pull-out force (N)
	Height (mm)	Width (mm)	
0.75 mm ²	1.75 (±0.05)	3.07 (±0.05)	84N @ 60s
1.00 mm ²	1.85 (±0.05)	3.07 (±0.05)	108N @ 60s
1.50 mm ²	1.95 (±0.05)	3.09 (±0.05)	150N @ 60s
2.00 mm ²	2.10 (±0.05)	3.10 (±0.05)	150N @ 60s
2.50 mm ²	2.20 (±0.05)	3.12 (±0.05)	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 30000

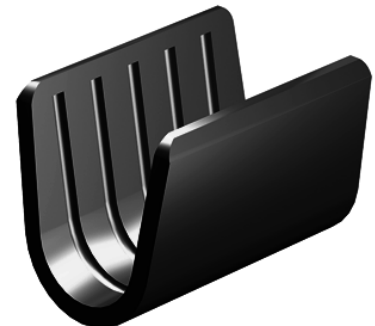
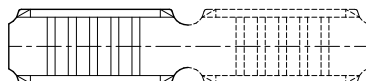
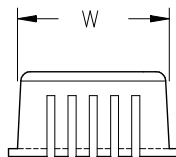
Approved regulations

Part nr.	Approval	Standard	File	Certified framework
5102.00	UL	UL 486C	E232316	AWG 18-14 (16-41 Stranded Cu) / MN5102

Approvals



Drawing





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

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