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Specification End crimping

W (mm) 5,8

Wire size mm² (AWG) 0,3-1,5 (22-16)

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (ºC)
5118.00	Brass	Natural	110
5118.02	Brass	Tin plated	120
5118.24	Steel	Nickel-plated	300

Material thickness (mm) 0,3

Application tool MN5118

Wire strip length 6.0 (±0.3) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Pull-out force (N)
	Height (mm)	Width (mm)	
0.35 mm²	1.30 (±0.03)	2.30 (±0.03)	40N @ 60s
0.50 mm²	1..35 (±0.03)	2.30 (±0.03)	56N @ 60s
0.75 mm²	1.45 (±0.05)	2.32 (±0.05)	84N @ 60s
1.00 mm²	1.55 (±0.05)	2.32 (±0.05)	108N @ 60s
1.50 mm²	1.65 (±0.05)	2.33 (±0.05)	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 30000

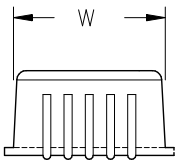
Approved regulations

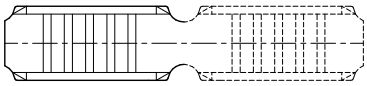
Part nr.	Approval	Standard	File	Certified framework
5118.00[1]	UL	UL 486C	E232316	AWG 22-16 (7-26 Stranded Cu) / MN5118

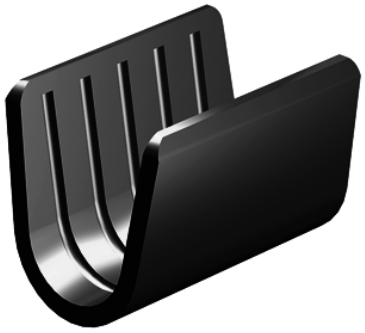
[1] 0.3, SOL/STR

Approvals

Drawing







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Rev. Nr.	Concept	Date	Created/Revised	Approved
A2	Update UL approval and wire strip length	2020-02-14	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)
A1	Datasheet generated automatically [A1]	2018-10-01	Laboratory Dept.	E. Roura

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