



5116.**
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Specification Side crimping

W (mm) 4

Wire size mm² (AWG) 0,2-0,5 (24-20)

Materials, temperature and contact resistance


Part nr.	Material	Finishing	Max. Temp. (°C)
5116.00	Brass	Natural	110
5116.01	Brass	Pre-tin-plated	120
5116.02	Brass	Tin plated	120

Material thickness (mm) 0,25

Application tool MN5116

Wire strip length 5.0 (±0.3) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Pull-out force (N)
	Height (mm)	Width (mm)	
0.20 mm ²	1.05 (±0.03)	1.66 (±0.03)	28N @ 60s
0.30 mm ²	1.12 (±0.03)	1.67 (±0.03)	28N @ 60s
0.50 mm ²	1.25 (±0.03)	1.68 (±0.03)	56N @ 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

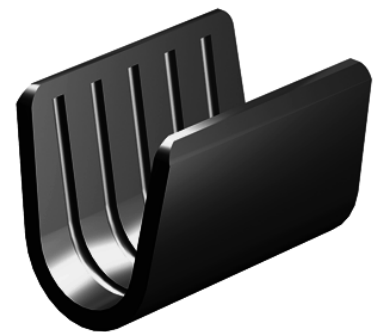
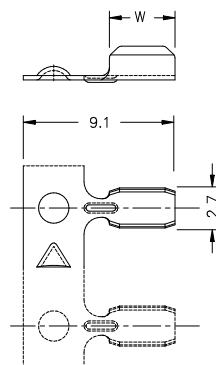
Part nr.	Approval	Standard	File	Certified framework
5116.00 ¹	UL	UL 486C	E232316	AWG 24-20 (MV-10 Stranded Cu) / MN5116

¹ 0.2, SOL

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