

5100.** SPECIAL TERMINALS · SPLICES



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. (°C)
5100.00	Brass	Natural	110
5100.02	Brass	Tin plated	120
5100.24	Steel	Nickel-plated	300

Material thickness (mm) 0,5

Application tool MN5100

Wire strip length 6.8 (±0.3) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Pull-out force (N)
	Height (mm)	Width (mm)	
0.35 mm ²	1.60 (±0.03)	2.58 (±0.03)	40N @ 60s
0.50 mm ²	1.70 (±0.03)	2.59 (±0.03)	56N @ 60s
0.75 mm ²	1.75 (±0.05)	2.59 (±0.05)	84N @ 60s
1.00 mm ²	1.80 (±0.05)	2.60 (±0.05)	108N @ 60s
1.50 mm ²	2.00 (±0.05)	2.62 (±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

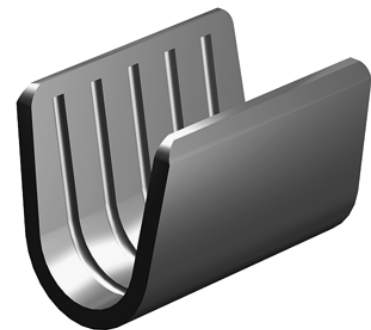
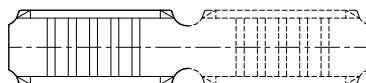
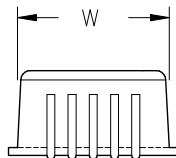
Part nr.	Approval	Standard	File	Certified framework
5100.00 ¹	UL	UL 486A-486B	E232316	AWG 22-16 (7-26 Stranded Cu) / MN5100

¹ 0.3, 0.5, 0.75, 1.0, 1.5, SOL/STR

Approvals



Drawing



5100.**
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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 generated automatically [A1]	2020-02-14	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)

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