



**5130.\*\***  
**SPECIAL TERMINALS · SPLICES**



**Specification** Side crimping

**W (mm)** 4,8

**Wire size mm<sup>2</sup> (AWG)** 0,5-1,5 (20-16)

**Materials, temperature and contact resistance**


Part nr.	Material	Finishing	Max. Temp. (°C)
5130.00	Brass	Natural	110
5130.02	Brass	Tin plated	120
5130.24	Steel	Nickel-plated	300

**Material thickness (mm)** 0,3

**Application tool** MN5130

**Wire strip length** 5.8 (±0.3) mm

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Pull-out force (N)
	Height (mm)	Width (mm)	
0.25 + 0.25 mm <sup>2</sup>	1.15 (±0.05)	2.21 (±0.05)	(28N @ 60s) + (28N @ 60s)
0.25 + 0.50 mm <sup>2</sup>	1.25 (±0.05)	2.19 (±0.05)	(28N @ 60s) + (56N @ 60s)
0.35 + 0.35 mm <sup>2</sup>	1.25 (±0.05)	2.19 (±0.05)	(40N @ 60s) + (40N @ 60s)
0.50 + 0.50 mm <sup>2</sup>	1.35 (±0.05)	2.20 (±0.05)	(56N @ 60s) + (56N @ 60s)
0.75 + 0.75 mm <sup>2</sup>	1.50 (±0.05)	2.21 (±0.05)	(84N @ 60s) + (84N @ 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** 20000

**Approved regulations**

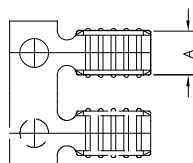
Part nr.	Approval	Standard	File	Certified framework
5130.00 <sup>1</sup>	UL	UL 486C	E232316	AWG 20-16 (10-26 Stranded Cu) / MN5130

<sup>1</sup> 0.5, 0.75, 1.0, 1.5, SOL/STR

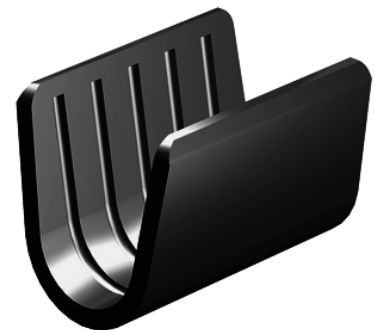
**Approvals**



**Drawing**



\* Refer to drawing to find valid dimensions





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**Disclaimer**

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	Update UL approval and wire strip length	2020-02-14	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)
A2	Update drawing	2019-02-08	V. Roura (Engineering Dept.)	E. Roura
A1	Datasheet generated automatically [A1]	2018-10-01	Laboratory Dept.	E. Roura