



**5408.\*\***  
**2.8 (.110) TYPE SERIES · FLAGS**



**Specification** Low insertion

**For male (mm)** 2,8x0,5

**Wire size mm<sup>2</sup> (AWG)** 0,5-1 (20-18)

**Ø Insulation (mm)** 1,8-2,5

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
5408.00	Brass	Natural	110
5408.01	Brass	Pre-tin-plated	120
5408.30	Bronze	Natural	120
5408.31	Bronze	Pre-tin-plated	130

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

**Max. rated current**

Wire section	5408.00 / 01 / 30 / 31
0.50 mm <sup>2</sup>	6A
0.75 mm <sup>2</sup>	8A
1.00 mm <sup>2</sup>	8A

**Insertion / Withdrawal forces**


	5408.00 / 01 / 30 / 31
1st Insertion (max)	20N <sup>1</sup>
1st Withdrawal (max)	40N <sup>1</sup>
1st Withdrawal (min)	13N <sup>1</sup>
6th Withdrawal (max)	9N <sup>1</sup>
6th Withdrawal (min)	9N <sup>1</sup>

<sup>1</sup> Valid for Natural Brass Tab

**Application tool** MN5406

**Wire strip length** 5.0 (±0.5) mm

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.50 mm <sup>2</sup>	1.20 (±0.03)	2.05 (±0.03)	2.83 (±0.10)	56N @ 60s
0.75 mm <sup>2</sup>	1.30 (±0.05)	2.06 (±0.05)	2.86 (±0.10)	84N @ 60s
1.00 mm <sup>2</sup>	1.40 (±0.05)	2.07 (±0.05)	2.91 (±0.10)	108N @ 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** 10000

**Compatible connectors** 22832\*\*, 22833\*\*

**Approved regulations**

Part nr.	Approval	Standard	File	Certified framework
5408.00	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN5408
5408.01	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN5408



**5408.\*\***

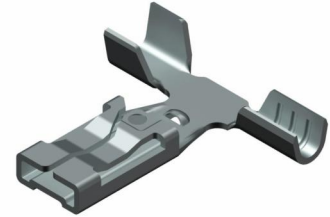
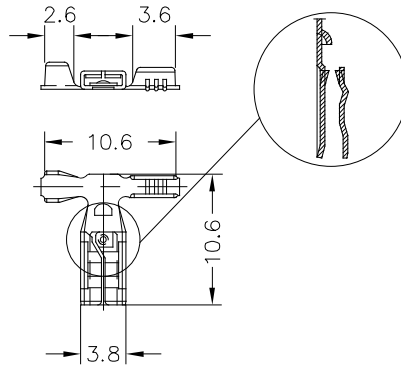
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**Approvals**



**Drawing**



**Disclaimer**

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Especialitats Elèctriques Escubedo S.A.U. · Ctra. de Girona-Olot Km. 35,5 · 17843 Riudellots de la Creu · Girona · Spain  
Tel.: 34 972 171 706 · Fax: +34 972 171 714 · [info@escubedo.com](mailto:info@escubedo.com) · [www.escubedo.com](http://www.escubedo.com)