

## 4811.\*\* 2.8 (.110) TYPE SERIES · RECEPTACLES



**Specification** Low insertion

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

**Din** Esp

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

**Ø Insulation (mm)** 1,8-3,3

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
4811.00	Brass	Natural	110
4811.01	Brass	Pre-tin-plated	120
4811.24	Steel	Nickel-plated	300
4811.30	Bronze	Natural	120
4811.31	Bronze	Pre-tin-plated	130
4811.70	German Silver	Natural	210

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

**Max. rated current**

Wire section	4811.00 / 01 / 24 / 30 / 31 / 70
0.50 mm <sup>2</sup>	6A
0.75 mm <sup>2</sup>	8A
1.00 mm <sup>2</sup>	8A

**Insertion / Withdrawal forces**

	4811.00 / 01 / 24 / 30 / 31 / 70
1st Insertion (max)	20N <sup>1</sup>
1st Withdrawal (max)	40N <sup>1</sup>
1st Withdrawal (min)	13N <sup>1</sup>
6th Withdrawal (min)	9N <sup>1</sup>

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

**Application tool** MN4809

**Wire strip length** 3.7 (±0.5) mm

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor		Insulator Width (mm)	Pull-out force (N)
	Height (mm)	Width (mm)		
0.50 mm <sup>2</sup>	1.25 (±0.03)	2.05 (±0.03)	3.05 (±0.10)	56N @ 60s
0.75 mm <sup>2</sup>	1.40 (±0.05)	2.06 (±0.05)	3.05 (±0.10)	84N @ 60s
1.00 mm <sup>2</sup>	1.45 (±0.05)	2.08 (±0.05)	3.06 (±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** 15000

**Compatible connectors** 22814\*\*, 22815\*\*

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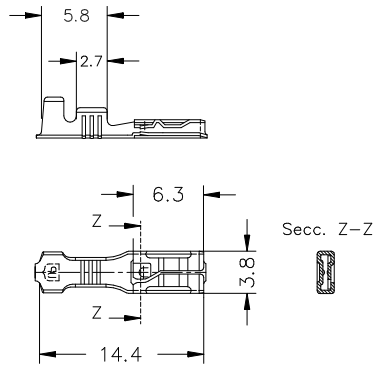
### Approved regulations

Part nr.	Approval	Standard	File	Certified framework
4811.00	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4811
4811.01	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4811
4811.24	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4811

### Approvals



### Drawing



### Disclaimer

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Rev. Nr.	Concept	Date	Created/Revised	Approved
A4	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A3	Update datasheet (Specification)	2018-07-13	Laboratory Dept.	E. Roura
A2	Efforts value correction	2018-06-25	Engineering Dept.	X. Menac
A1	Datasheet generated automatically [A1]	2018-06-22	Engineering Dept.	X. Menac

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