

## 4478.\*\* 9.5 (.375) TYPE SERIES · RECEPTACLES



**Specification** Standard Terminals

**For male (mm)** 9,5x1,2

**Din** 46247

**Wire size mm<sup>2</sup> (AWG)** 2,5-6 (14-10)

**Ø Insulation (mm)** 3,8-5

**Materials, temperature and contact resistance**

Part nr.	Material	Finishing	Max. Temp. (°C)
4478.00	Brass	Natural	110
4478.02	Brass	Tin plated	120
4478.30	Bronze	Natural	120
4478.32	Bronze	Tin plated	130

**Material thickness (mm)** 0,5

**Max. rated current**

Wire section	4478.00 / 02 / 30 / 32
2.50 mm <sup>2</sup>	20A
4.00 mm <sup>2</sup>	26A
6.00 mm <sup>2</sup>	34A

**Insertion / Withdrawal forces**


	4478.00 / 02 / 30 / 32
1st Insertion (max)	80N <sup>1</sup>
1st Withdrawal (min)	80N <sup>1</sup>
10th Withdrawal (min)	30N <sup>1</sup>

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

**Application tool** MN4478

**Wire strip length** 5.2 (±0.5) mm

**Crimping parameters & pull out force**

Wire section (±10%)	Conductor 		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)		
2.50 mm <sup>2</sup>	2.40 (±0.05)	4.06 (±0.05)	4.44 (±0.10)	230N @ 60s
4.00 mm <sup>2</sup>	2.55 (±0.05)	4.10 (±0.05)	4.50 (±0.10)	310N @ 60s
6.00 mm <sup>2</sup>	2.80 (±0.05)	4.13 (±0.05)	5.43 (±0.10)	360N @ 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** 3000

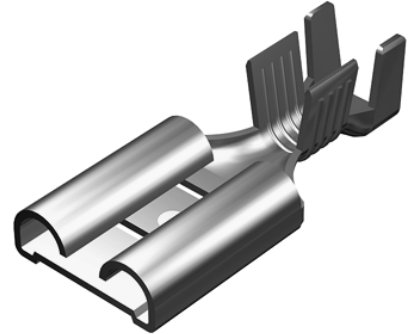
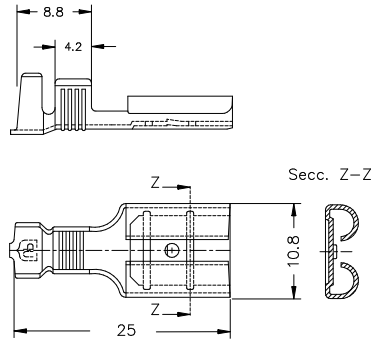
**Approvals**



**4478.\*\***  
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**Drawing**



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