



5822.**

6.3 (.250) TYPE SERIES · FLAGS



Specification Low insertion

For male (mm) 6,3x0,8

Wire size mm² (AWG) 1-2,5 (18-14)

Ø Insulation (mm) 2,7-3,8

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
5822.00	Brass	Natural	110
5822.01	Brass	Pre-tin-plated	120
5822.24	Steel	Nickel-plated	300
5822.30	Bronze	Natural	120
5822.31	Bronze	Pre-tin-plated	130
5822.70	German Silver	Natural	210

Material thickness (mm) 0,4

Max. rated current

Wire section	5822.00 / 01 / 24 / 30 / 31 / 70
1.00 mm ²	12A
1.50 mm ²	16A
2.50 mm ²	20A

Insertion / Withdrawal forces



	5822.00 / 01 / 24 / 30 / 31 / 70
1st Insertion (max)	35N ¹
1st Withdrawal (max)	60N ¹
1st Withdrawal (min)	30N ¹
6th Withdrawal (min)	22N ¹

¹ Valid for Natural Brass Tab

Application tool

MN5822

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
1.00 mm ²	1.65 (±0.05)	3.05 (±0.05)	4.01 (±0.10)	108N @ 60s
1.50 mm ²	1.75 (±0.05)	3.07 (±0.05)	4.03 (±0.10)	150N @ 60s
2.00 mm ²	1.85 (±0.05)	3.10 (±0.05)	4.05 (±0.10)	150N @ 60s
2.50 mm ²	1.95 (±0.05)	3.13 (±0.05)	4.05 (±0.10)	230N @ 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

Compatible connectors

26333**, 26336**

Approved regulations

Part nr.	Approval	Standard	File	Certified framework
5822.00	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5822
5822.01	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5822
5822.24	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5822



5822.**

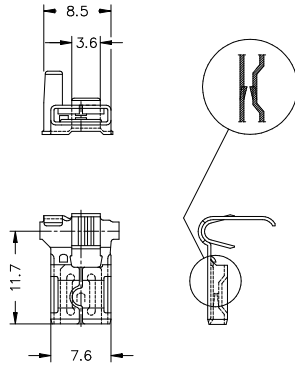
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Approvals



Drawing



Disclaimer

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