

4410D** 2.8 (.110) TYPE SERIES · RECEPTACLES



Specification For DIN tab terminals

For male (mm) 2,8x0,8

Din 46247

Wire size mm² (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)
4410D00	Brass	Natural	110
4410D02	Brass	Tin plated	120
4410D30	Bronze	Natural	120
4410D32	Bronze	Tin plated	130
4410D33	Bronze	Silver-plated	(T.B.D.)

Material thickness (mm) 0,25

Max. rated current

Wire section	4410D00 / 02 / 30 / 32 / 33
0.50 mm ²	6A
0.75 mm ²	8A
1.00 mm ²	8A

Insertion / Withdrawal forces


	4410D00 / 02 / 30 / 32 / 33
1st Insertion (max)	35N ¹
1st Withdrawal (max)	40N ¹
1st Withdrawal (min)	13N ¹
6th Withdrawal (min)	9N ¹

¹ Valid for Natural Brass Tab

Application tool MN4410D

Wire strip length 3.8 (±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 ²	1.00 (±0.03)	2.03 (±0.03)	3.01 (±0.10)	56N @ 60s
0.75 mm ²	1.10 (±0.05)	2.04 (±0.05)	3.01 (±0.10)	84N @ 60s
1.00 mm ²	1.20 (±0.05)	2.05 (±0.05)	3.02 (±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 22810**, 22811**, 22812**, 22820**

Approved regulations

Part nr.	Approval	Standard	File	Certified framework
4410D00	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4410
4410D02	UL	UL 310	E211727	AWG 20-18 (10-16 Stranded Cu) / MN4410

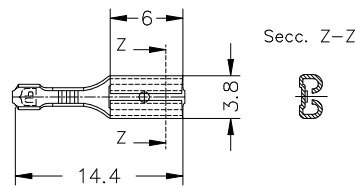
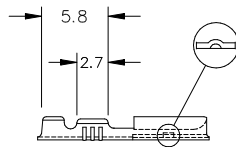
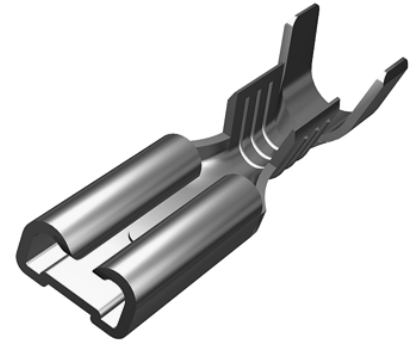
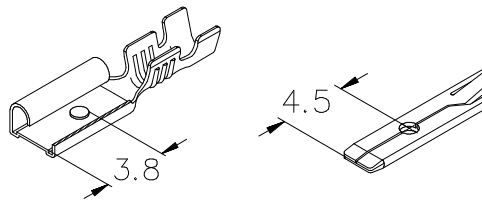
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Approvals



Drawing



(T.B.D.): To be determined

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A3	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
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A1	Datasheet generated automatically [A1]	2021-03-04	E. Roura (Laboratory Dept.)	D. Yabar (Engineering Dept.)

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