

5410D**

2.8 MM (.110) UP-TP TERMINALS



Description Low insertion flags for DIN tab terminals 2,8 x 0,8

Wire section range 0.50 – 1.00 mm² (AWG 20 - 18)

Max. Insulator Ø 2.5 mm.

Materials, Temperature & Contact resistance

Part nr.	Material	Finishing	Max. temp. (C°)	Resist. (mΩ)
5410D00	Brass	Natural	110	T.B.D.
5410D01	Brass	Pre-tin plated	120	T.B.D.
5410D30	Bronze	Natural	120	T.B.D.
5410D31	Bronze	Pre-tin plated	130	T.B.D.

Notes: Temperatures as per IEC 61210 standard.
Maximal contact resistance: only contact zone

Material thickness 0.3 mm

Max. Rated current

Wire section (mm ²)	Current (A)
0.50	6
0.75	8
1.00	8

Note: Current carrying capacity according to wire size (IEC 60760)

Insertion/Withdrawal forces

1st. Insertion	20 N Max.
1st. Withdrawal	12 N Min.
6th. Withdrawal	5 N Min.

Application tool MN5406

Wire stripping length 8,2 (±0.5) mm

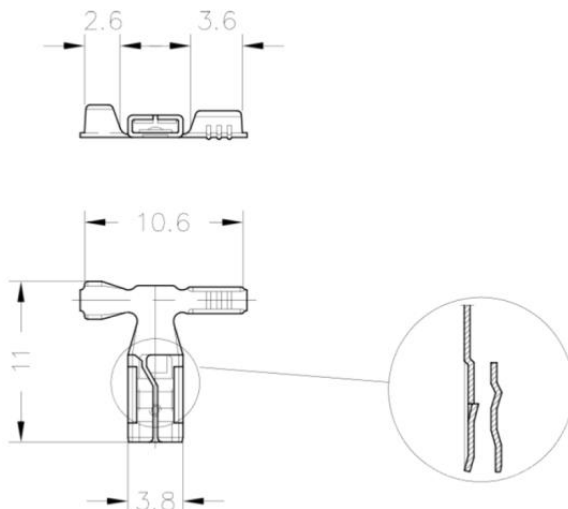
Crimping parameters & Pull out force

Wire section (mm ²)		Conductor (±0,05)			Insulator (±0,10)		Pull-out force (N)	
Nominal	Actual	Height (mm.)	Width (mm.)	Height (mm.)	Width (mm.)	DIN64249	ESCUBEDO	
0.50	0.45	1.20	2.05	2.27	2.83	≥ 60	>70	
0.75	0.68	1.30	2.06	2.38	2.85	≥ 70	>80	
1.00	0.91	1.40	2.07	2.47	2.91	≥ 80	>90	

Note: 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.

Packaging 10000 Pieces on 300 mm. Ø x 160 mm. wide cardboard reel, 12.5 mm terminal chain pitch

Drawing



Approvals

- RoHS Compliant



Disclaimer

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Rev. Nr.	Modification	Date	Created/Revised	Approved
1	Creation/Update	20/10/2014	E. Roura / D.Martinez	JC. Sanchez