



4382.00

9.5mm (.375) UP-STA Terminals



Description Receptacles for connector for tab 9.5x1.2
Wire section range 4.00-6.00 mm² (AWG 10-12)
Max. Insulator Ø 5.1 mm.
Material Natural brass 0.5 mm thickness
Max. Rated current

Wire section (mm ²)	Current (A)
4.00	26
6.00	34

Note: Current carrying capacity according to wire size (IEC 760)

Max. Contact resistance 0.40 mΩ
Note: Maximal contact resistance with minimal suitable wire size (IEC 760)

Max. Temperature 110°C
Note: According to DIN 61210 standard

Thermal derating (see graph a)

Insertion/Withdrawal forces

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1st. Insertion	≤ 50 N
1st. Withdrawal	≤ 50 N
10st. Withdrawal	≥ 15 N

Application tool MN4382

Wire stripping length 6.8 (±0.5) mm

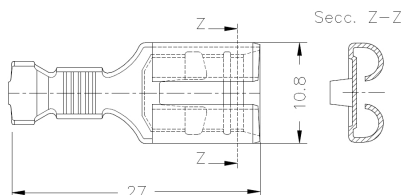
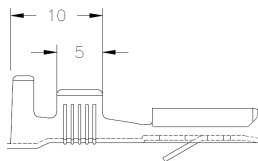
Crimping parameters & Pull out force

Wire section (mm ²)		Conductor (±0,03)		Insulator (±0,10)	Pull-out force	
Nominal	Real	Height (mm.)	Width (mm.)	Width (mm.)	DIN46249	Measured
4.00	3.54	2.76	4.07	5.66	≥ 350 N	> 400 N
6.00	5.35	2.88	4.08	5.67	≥ 500 N	> 600 N

Note: Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependant on the sheath thickness of the wire used.

Packaging 2500 Pieces on 300 mm. Ø x 160 mm. wide cardboard reel, 29 mm terminal chain pitch

Drawing



Approvals

- RoHS Compliant



Document History

Rev. Nr.	Modification	Date	Created/Revised	Approved
1	Creation	04/07/2012	D.Martinez	J.Carles/X.Menac

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