



# 4382.30

## 9.5mm (.375) UP-STA Terminals



**Description** Receptacles for connector for tab 9.5x1.2  
**Wire section range** 4.00-6.00 mm<sup>2</sup> (AWG 10-12)  
**Max. Insulator Ø** 5.1 mm.  
**Material** Natural Bronze, 0.5 mm thickness  
**Max. Rated current**

Wire section (mm <sup>2</sup> )	Current (A)
4.00	26
6.00	34

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

**Max. Contact resistance** 0.84 mΩ  
**Note:** Maximal contact resistance with minimal suitable wire size ( IEC 760 )

**Max. Temperature** 120°C  
**Note:** According to DIN 61210 standard

**Thermal derating** (see graph à)

**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

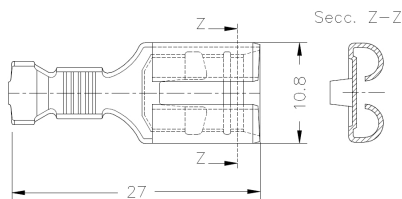
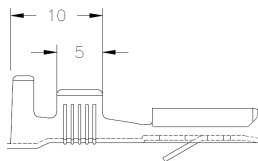
**Crimping parameters & Pull out force**

Wire section (mm <sup>2</sup> )		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

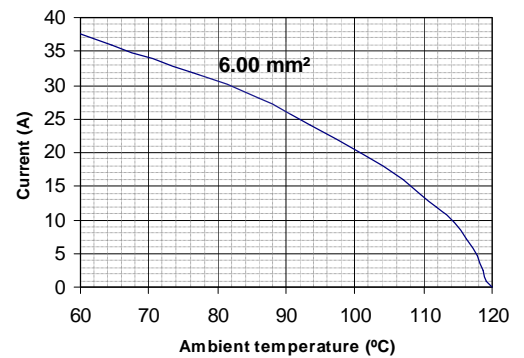


**Document History**

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

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Thermal derating curves  
**Note:** 20% security margin is applied.