



6432.xx

6.3mm. (.250) UP- STA Standard Terminals



Description Males 6.3 x 0.8mm. For connector - Without hole

Wire section range 1.00 ÷ 2.50 mm² (18 ÷ 14 AWG)

Max. Insulator Ø 4.3 mm.

Material thickness 0.40 mm.

Material

Part nr.	Material	Finishing	Temperature (°C)	UL regulation
6432.00	Brass	Natural	110	cRU US
6432.01	Brass	Pre-tin plated	120	cRU US
6432.02	Brass	Tin plated	120	-
6432.03	Brass	Silver-plated	130	-
6432.30	Bronze	Natural	120	-
6432.31	Bronze	Pre-tin plated	130	-
6432.32	Bronze	Tin plated	130	-

Notes: Max. recommended temperature

Application tool MN6432

Wire striping length 5.4 (±0.5) mm

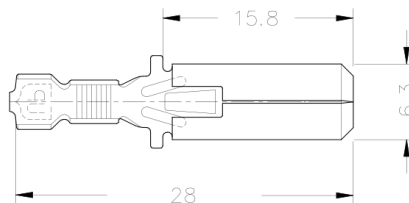
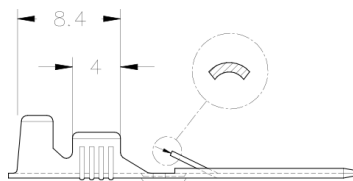
Crimping parameters & Pull out force

Wire section (mm ² ±10%)		Conductor (±0.05)		Insulator (±0.10)	Pull-out force (N)	
Nominal	Actual	Height (mm.)	Width (mm.)	Height (mm.)	DIN 46249	Actual
1.00	0.91	1.65	2.84	3.98	≥ 160	> 180
1.50	1.36	1.75	2.84	3.98	≥ 200	> 230
2.00	1.98	1.90	2.86	4.02	≥ 200	> 260
2.50	2.45	2.00	2.87	4.06	≥ 250	> 280

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 5000 Pieces on 300 mm. Ø x 160 mm. wide cardboard reel, 30 mm terminal chain pitch

Drawing



Approvals

- RoHS Compliant
- UL (see table above)



Document History

Rev. Nr.	Modification	Date	Created/Revised	Approved
1	Creation/Update	26/11/2013	D.Martinez	A.Calvet

Disclaimer

Data obtained from Escubedo Laboratory essays, using own methodology, cablings, equipment and original crimping tools, done in laboratory conditions and following the indicated standards (if indicated), errors and omissions excepted. This document has no contractual meaning and it is publicised only for informative purposes. It can be changed without prior notice. The end customer has the sole responsibility to check these characteristics in its environment and with its own components, manufacturing methods and equipment. See also the full range product overview if available. For further information please visit our web site or contact us.