4323.**

6.3 mm (.250) UP-STA Terminals

Description Receptacles for connector for tab 6.3*0.8 (With dimple)

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

Max. Insulator Ø 3.3 mm.

Materials, Temperature & Contact resistance

Part nr.	Material	Finishing	Max. temp. (Cº)	Resist. (mΩ)	UL regulation
4323.00	Brass	Natural	110	0.95	
4323.02	Brass	Tin plated	120	0.86	
4323.30	Bronze	Natural	120	(T.B.D)	
4323.32	Bronze	Tin plated	130	0.99	

Notes: Temperatures as per DIN 61210 standard.
Maximal contact resistance (crimp zone + friction zone) with minimal suitable wire size (Using IEC 60760 test method)

Material thickness 0.4 mm

Max. Rated current

Wire section (mm^2)	Current (A)
0.50	8
0.75	10
1.00	12

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

Thermal derating I Incerement curve (see graphs in following sheet)

Insertion/Withdrawal forces

	Natural	Tin plated
1st. Insertion	≤ 40 N	≤ 50 N
1st. Withdrawal	≤ 45 N	≤ 60 N
10th. Withdrawal	≥ 12 N	≥ 12 N

Application tool *MN4323*

Wire striping length 5.5 (±0.5) mm

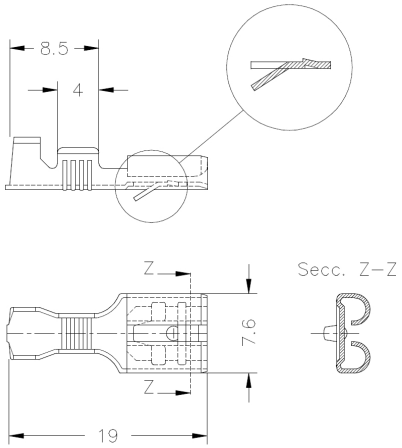
Crimping parameters & Pull out force

Wire section (mm^2 ±10%)		Conductor (mm.)		Insulator (mm.)	Pull-out force (N)	
Nominal	Actual	Height (-0,04)	Width(±0,05)	Width (+0,15)	DIN64249	ESCUBEDO
0.50	0.45	1.34	2.35	3.4	≥ 80	> 90
0.75	0.68	1.44	2.37	3.4	≥ 120	> 130
1.00	0.90	1.54	2.39	3.4	≥ 160	> 170

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 8000 Pieces on 300 mm. Ø x 160 mm. wide cardboard reel, 21.4 mm terminal chain pitch

Drawing



Approvals

- RoHS Compliant
- UL (see table above)

Notes

T.B.D.: To be determined

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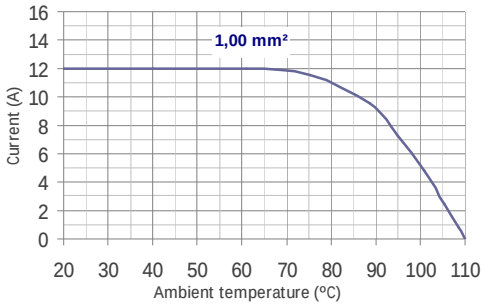
4323.**

6.3 mm (.250) UP-STA Terminals

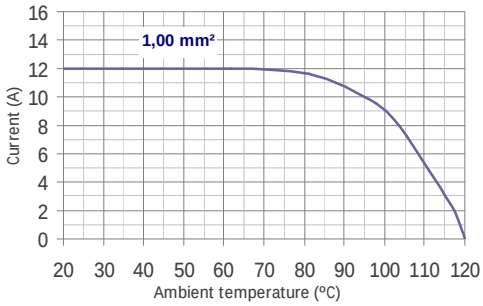
Thermal derating curves

(Maximum current vs. maximum ambient temperature)
Note: 20% security margin is applied on all derating curves

4323.00 (Brass, natural)



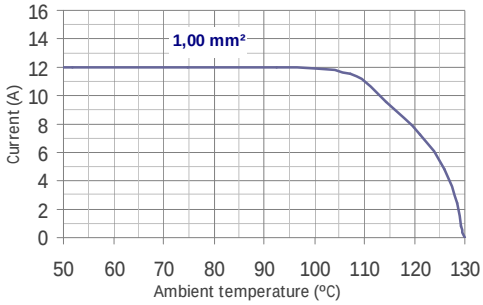
4323.02 (Brass, tin plated)



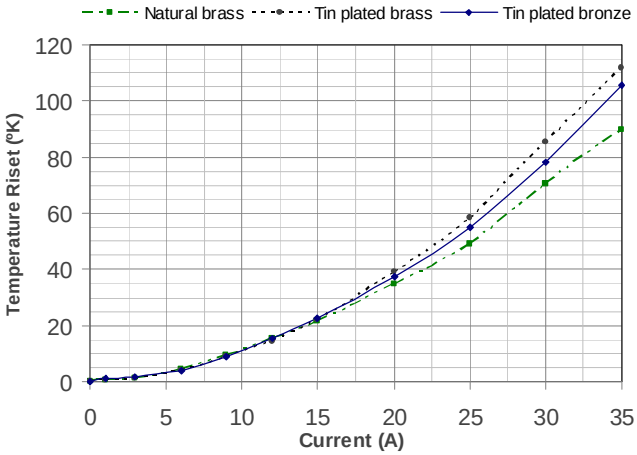
4323.30 (Bronze, natural)

(T.B.D)

4323.32 (Bronze, tin plated)



Temperature Rise curves



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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.

Rev. Nr.	Modification	Date	Created/Revised	Approved
1	Creation/Update	15/11/2012	D.Martinez	A.Calvet

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