



5723.**

6.3 mm (.250) UP-TP LOCK Terminals



Description Basic self-locking under TP design Low insertion flag for tab 6,3x0,8

Wire section range 1.50 – 3.00 mm² (AWG 16 - 14)

Max. Insulator Ø 3.8 mm.

Materials, Temperature & Contact resistance

Part nr.	Material	Finishing	Max. temp. (C°)	Resist. (mΩ)
5723.00	Brass	Natural	110	(T.B.D.)
5723.01	Brass	Pre-tin plated	120	0.53
5723.30	Bronze	Natural	120	(T.B.D.)
5723.31	Bronze	Pre-tin plated	130	(T.B.D.)
5723.24	Steel	Nickel-plated	300	1.80
5723.70	German silver	Natural	170	(T.B.D.)

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

Material thickness 0.4 mm

Max. Rated current

Wire section (mm ²)	Current (A)
1.50	16
2.00	16*
2.50	20
3.00	20*

Note: Current carrying capacity according to wire size (as per IEC760)
*N/A



Insertion/Withdrawal forces

	Brass/Bronze	Steel/German silver
1st. Insertion	≤ 35 N	≤ 35 N
1st. Withdrawal	≤ 90 N	≤ 70 N

Application tool MN5823

Wire stripping length 4.5 (±0.5) mm

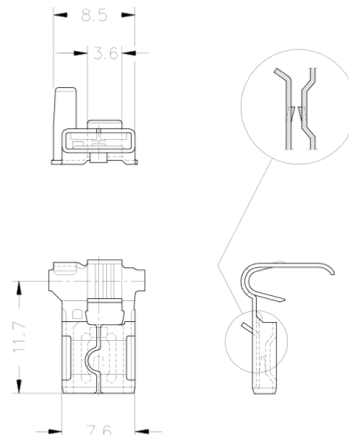
Crimping parameters & Pull out force

Wire section (mm ² ±10%)		Conductor (±0,03)		Insulator (±0,10)	Pull-out force (N)	
Nominal	Actual	Height (mm.)	Width (mm.)	Width (mm.)	DIN64249	ESCUBEDO
1.50	1.35	1.90	3.07	4.6	≥ 200	>200
0.5+1.50	0.45+1.35	2.05	3.08	4.6	≥ 200	>200
1.0+1.50	0.91+1.35	2.15	3.09	4.6	≥ 200	>200
1.50+1.50	1.35+1.35	2.16	3.15	4.6	≥ 250	>200
2.50+0.5	2.26+0.45	2.20	3.20	4.6	≥ 250	>250

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 3000 Pieces on 20 mm. cardboard reel, 19.5 mm terminal chain pitch

Drawing



Approvals

- RoHS Compliant



Notes

T.B.D.: To be determined



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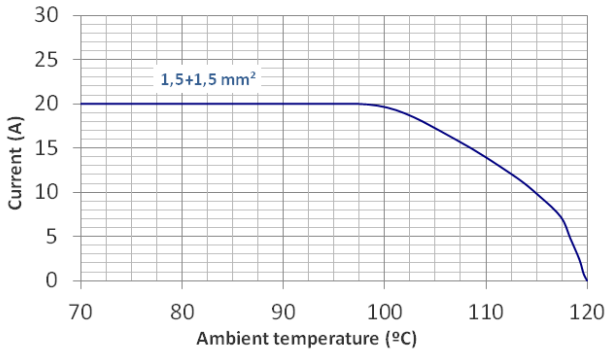


Thermal derating curves

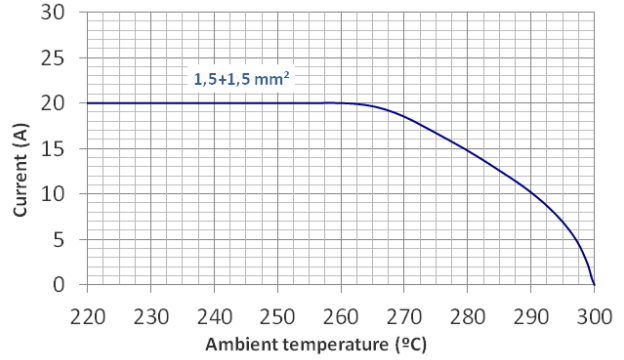
(Maximum current vs. maximum ambient temperature)

Note: 20% security margin is applied on all derating curves

5723.01 (Pre-tin plated brass)



5723.24 (Nickel-plated steel)



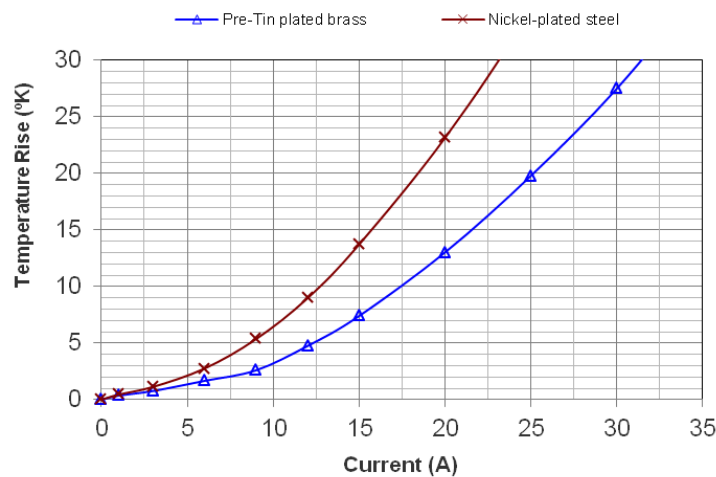
5723.31 / 5723.30

(T.B.D.)

5723.00 / 5723.70

(T.B.D.)

Thermal Increment curves



Disclaimer

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Rev. Nr.	Modification	Date	Created/Revised	Approved
1	Creation/Update	12/04/2013	D.Martinez	A.Calvet