



4410.**



2.8 mm (.110) UP-STA Terminals

Description End feed Receptacles for standard tabs. Rear dimple 2.8*0.8

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

Max. Insulator Ø 2.5 mm.

Materials, Temperature & Contact resistance

Part nr.	Material	Finishing	Max. temp. (C°)	Resist. (mΩ)	UL regulation
4410.00	Brass	Natural	110	1.23	cULus
4410.02	Brass	Tin plated	120	0.72	cULus
4410.04	Brass	Nickel-plated	(T.B.D.)	(T.B.D.)	-
4410.30	Bronze	Natural	120	1.18	-
4410.32	Bronze	Tin plated	130	0.87	-

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

Material thickness 0.25 mm

Max. Rated current

Wire section (mm ²)	Current (A)
0.50	6
0.75	8
1.00	8

Note: Current carrying capacity according to wire size (as per IEC760)



Insertion/Withdrawal forces

	Natural	Tin plated
1st. Insertion	≤ 40 N	≤ 50 N
1st. Withdrawal	≤ 40 N	≤ 50 N
10th. Withdrawal	≥ 6 N	≥ 8 N

Application tool MN4406

Wire stripping length 3.8 (±0.5) mm

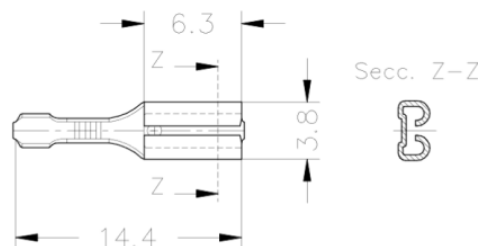
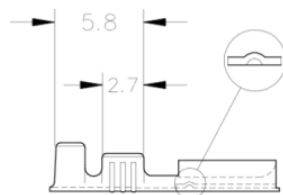
Crimping parameters & Pull out force

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
0.50	0.45	1.00	2.03	3.04	≥ 60	>70
0.75	0.68	1.10	2.04	3.04	≥ 70	>80
1.00	0.91	1.20	2.05	3.06	≥ 80	>90

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 15000 Pieces on 300 mm. Ø x 160 mm. wide cardboard reel, 16.5 mm. terminal chain pitch

Drawing



Approvals

- RoHS Compliant
- UL (see table above)



Notes

T.B.D.: To be determined



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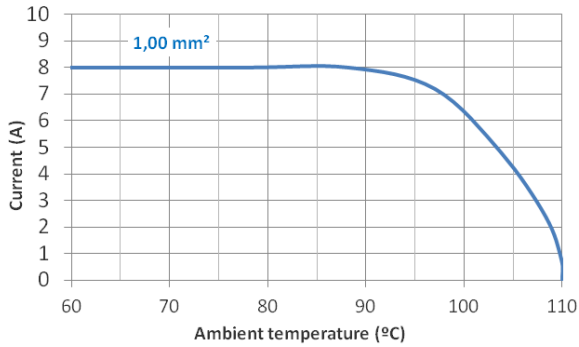
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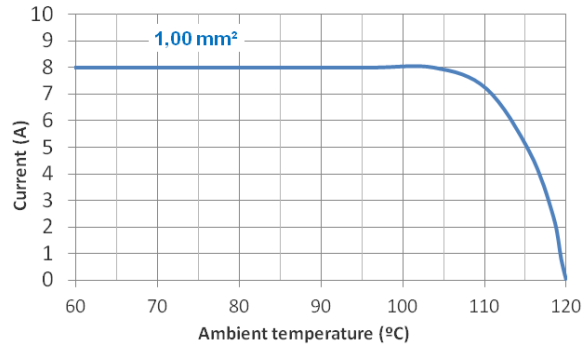
Thermal derating curves

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

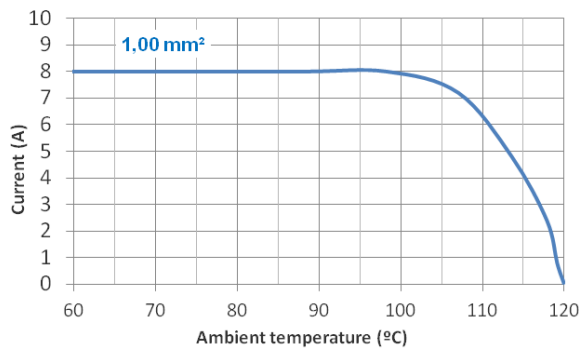
4410.00 (Natural brass)



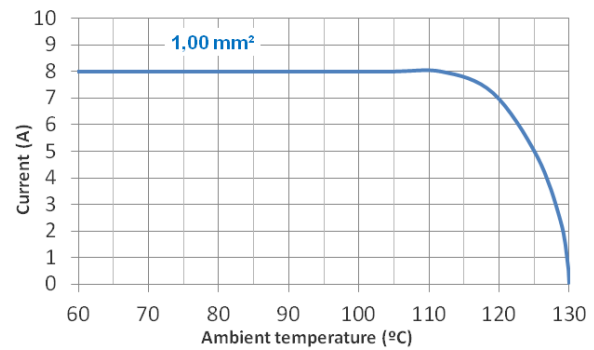
4410.02 (Tin-plated brass)



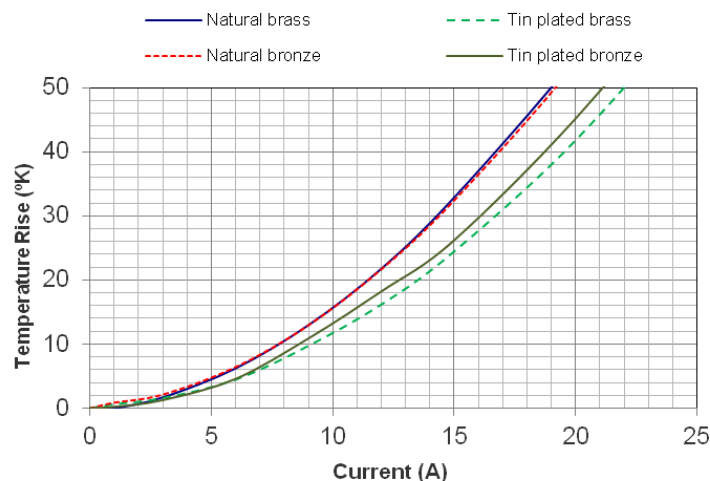
4410.30 (Natural bronze)



4410.32 (Tin-plated bronze)



Thermal Increment curves



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Rev. Nr.	Modification	Date	Created/Revised	Approved
1	Creation/Update	05/04/2013	D.Martinez	A.Calvet