

4425.**



6.3 MM (.250) UP-STA TERMINALS

Description Receptacles for tab 6.3*0.8

Wire section range 2.50 – 6.00 mm² (AWG 14 - 10) Double crimp

Max. Insulator Ø 5.00 mm

DIN 46247



Materials, Temperature & Contact resistance

Part nr.	Material	Finish	Max. Temp. (C°)	UL regulation
4425.00	Brass	Natural	110	UL 94V-0
4425.02	Brass	Tin plated	120	UL 94V-0
4425.30	Bronze	Natural	120	-
4425.32	Bronze	Tin plated	130	-
4425.33	Bronze	Silver plated	150	-
4425.24	Steel	Nickel-plated	300	UL 94V-0

Material thickness 0.4 mm

Max. Rated current

Maximum Current values.

Values of the table show the recommended maximum current values, limited by the cross section of the cable used. These maximum values also depend on the ambient temperature, and can be reduced depending on the working conditions. For more precise information about the maximum rating current applicable in each case,

Wire section (mm ²)	Current (A)
1.00	12
1.50	16
2.50	20

Insertion/Withdrawal forces

	Natural	Tin plated
1 st . Insertion	60 N Max.	80 N Max.
1 st . Withdrawal	60 N Max.	80 N Max.
10 th . Withdrawal	18 N Min.	13 N Min.

Application tool MN4425

Wire stripping length 5.1 (±0.5) mm

Crimping parameters & Pull out force

Wire section mm ²	Conductor (mm)		Insulator (mm)		Pull-out force (N)
	Height (±0.05)	Width (measured)	Height (measured)	Width (measured)	
2.50	2.15	3.96	4.16	6.04	> 270
1.50+1.50	2.25	3.97	4.20	6.10	> 220
1.50+2.50	2.35	3.99	4.38	6.10	> 220
2.50+2.50	2.45	4.00	4.40	6.10	> 270
1.00+4.00	2.45	4.00	4.40	6.10	> 180
1.00+5.00	2.70	4.03	4.50	6.11	> 180

Values only valid for the application tool specified. The insulator width is only indicative as they depend of the insulation properties

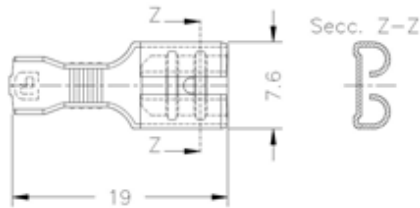
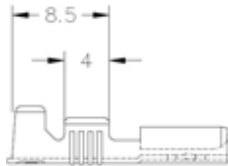
Packaging 5000 Pieces on 300 mm Ø x 160 mm wide cardboard reel, 21.4 mm terminal chain pitch

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Drawing



COMBINACION DOBLE ENGASTADURA					
m.m2	1.0	1.5	2.5	4	5
1.0		X	X	X	
1.5	X	X	X		
2.5		X			

CABLE SECCIÓN MAYOR ARRIBA

CABLE SECCIÓN MENOR ABAJO

Approvals

- RoHS Compliant



Connectors Compatibility

Part Number	Nº of Ways	Color	Raw material	UL regulation
2631010	1	Natural	PA66 V2	
2631015	1	Black	PA66 V2	
2631030	1	Natural	PA66 V0	
2631035	1	Black	PA66 V0	
2632100	1	Natural	Polietilene	-
2632110	1	Natural	PA66 V2	-
2632000	1	Natural	Polietilene	-
2632010	1	Natural	PA66 V2	-
2631110	1	Natural	PA66 V2	-
2631310	1	Natural	PA66 V2	
2631315	1	Black	PA66 V2	
2631600	1	Natural	Polietilene	-
2631610	1	Natural	PA66 V2	-
2631615	1	Black	PA66 V2	-
2631630	1	Natural	PA66 V0	-
2631635	1	Black	PA66 V0	-

Note: For others materials and colours ask: info@escubedo.com

Disclaimer

Data obtained from Escubedo Laboratory essays, using own methodology, cabling, equipment and original crimping tools, done in laboratory conditions and following the indicated standards, 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.

Rev. Nr.	Concept	Date	Created/Revised	Approved
5	Multimaterial format Update	19/12/2016	D.Martinez / E.Roura	X.Menac
4	Standard max. Temp.change	22/03/2011	D.Martinez	Joan Carles