

4720F**

6.3MM (.250) UP-SEK TERMINALS



Description Standard self-locking terminals: Connector disconnection

Wire section range 0.20 – 0.60 mm² (AWG 24 - 20)

Max. Insulator Ø 2.5 mm.

Materials, Temperature & Contact resistance

Part nr.	Material	Finishing	Max. temp. (C°)	Resist. (mΩ)
4720F00	Brass	Natural	110	(T.B.D.)
4720F02	Brass	Tin plated	120	(T.B.D.)
4720F30	Bronze	Natural	120	(T.B.D.)
4720F32	Bronze	Tin plated	130	(T.B.D.)

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

Material thickness 0,4 mm

Max. Rated current

Wire section (mm ²)	Current (A)
0.25	(T.B.D.)
0.35	(T.B.D.)
0.50	8
0.60	8



Insertion/Withdrawal forces

1 st . Insertion	35 N Max
1 st . Withdrawal by the connector	30 N Max
1 st . Withdrawal by the wire	90 N Min

Application tool MN4720F

Wire striping length 5.3 (±0.5) mm

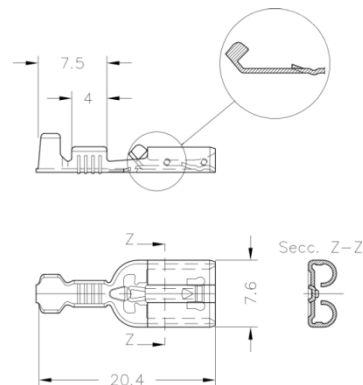
Crimping parameters & Pull out force

Wire section (mm ² ±10%)		Conductor (±0,05)		Insulator (±0,15)	Pull-out force (N)	
Nominal	Actual	Height (mm.)	Width (mm.)	Width (mm.)	DIN64249	ESCUBEDO
0.25	0.23	1.20	2.05	(T.B.D.)	-	>50
0.35	0.30	1.25	2.06	(T.B.D.)	-	>70
0.50	0.45	1.30	2.07	(T.B.D.)	≥ 80	>90
0.60	0.58	1.30	2.08	(T.B.D.)	≥ 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 8000 Pieces on 300 mm. Ø x 160 mm. wide cardboard reel, 21.4 mm terminal chain pitch

Drawing



Approvals

- RoHS Compliant



Note:
(T.B.D.) To be determined

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.	Modification	Date	Created/Revised	Approved
1	Creation	29/08/2014	D.Martinez/E.Roura	Joan Carles Sanchez
2	Update Insertion/Withdrawal forces & drawing	08/01/2015	D.Martinez/E.Roura	Joan Carles Sanchez