

5726.**

6.3 (.250) TYPE SERIES · FLAGS

SELF-LOCKING RECEPTACLES. LOW INSERTION TERMINALS.



Specification Self-locking terminals under TP design

For male (mm) 6,3x0,8

Wire size mm² (AWG) 1,5-3 (16-12)

Ø Insulation (mm) 2,7-3,8

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
5726.00	Brass	Natural	110	(T.B.D.)
5726.01	Brass	Pre-tin-plated	120	(T.B.D.)
5726.30	Bronze	Natural	120	(T.B.D.)
5726.31	Bronze	Pre-tin-plated	130	(T.B.D.)
5726.51	Cu. Alloy	Pre-tin-plated	150	0.50
5726.70	German Silver	Natural	210	(T.B.D.)

Material thickness (mm) 0,4

Max. rated current

Wire section	5726.00 / 01 / 30 / 31 / 51 / 70
1.50 mm ²	16A
2.50 mm ²	20A
3.00 mm ²	20A

Insertion / Withdrawal forces

	5726.00 / 01 / 30 / 31 / 51 / 70
1st Insertion (max)	25N ¹
1st Withdrawal (min, locking enabled)	50N ¹

¹ Valid for Natural Brass Tab



Security function

The self-locking function prevents disconnection by pulling the cable. Disconnection is possible by disabling the locking function, moving the lever up manually or by sliding the connector (see extraction forces). It allows several connections-disconnections while maintaining the functional characteristics.

Application tool MN5726

Wire strip length 4.7 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
1.50 mm ²	1.76 (±0.05)	3.17 (±0.05)	4.40 (±0.10)	150N @ 60s
2.50 mm ²	1.91 (±0.05)	3.18 (±0.05)	4.40 (±0.10)	230N @ 60s
3.00 mm ²	2.05 (±0.05)	3.20 (±0.05)	4.40 (±0.10)	≥ 250N

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.

Winding number 3000

Compatible connectors 26335**, 26338**, 26339**

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Approved regulations

Part nr.	Approval	Standard	File	Certified framework
5726.00	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5726
5726.01	UL	UL 310	E211727	AWG 18-14 (16-41 Stranded Cu) / MN5726

Approvals



Drawing

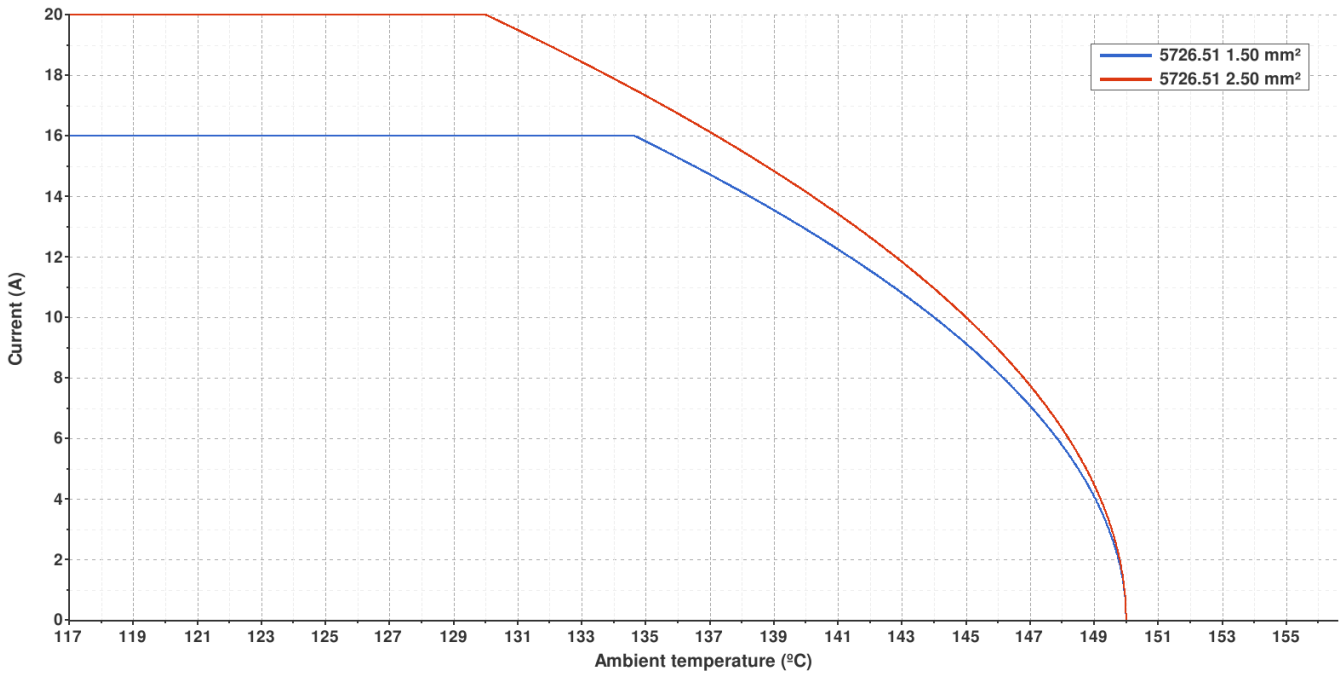


5726.51 PRE-TIN-PLATED CU. ALLOY

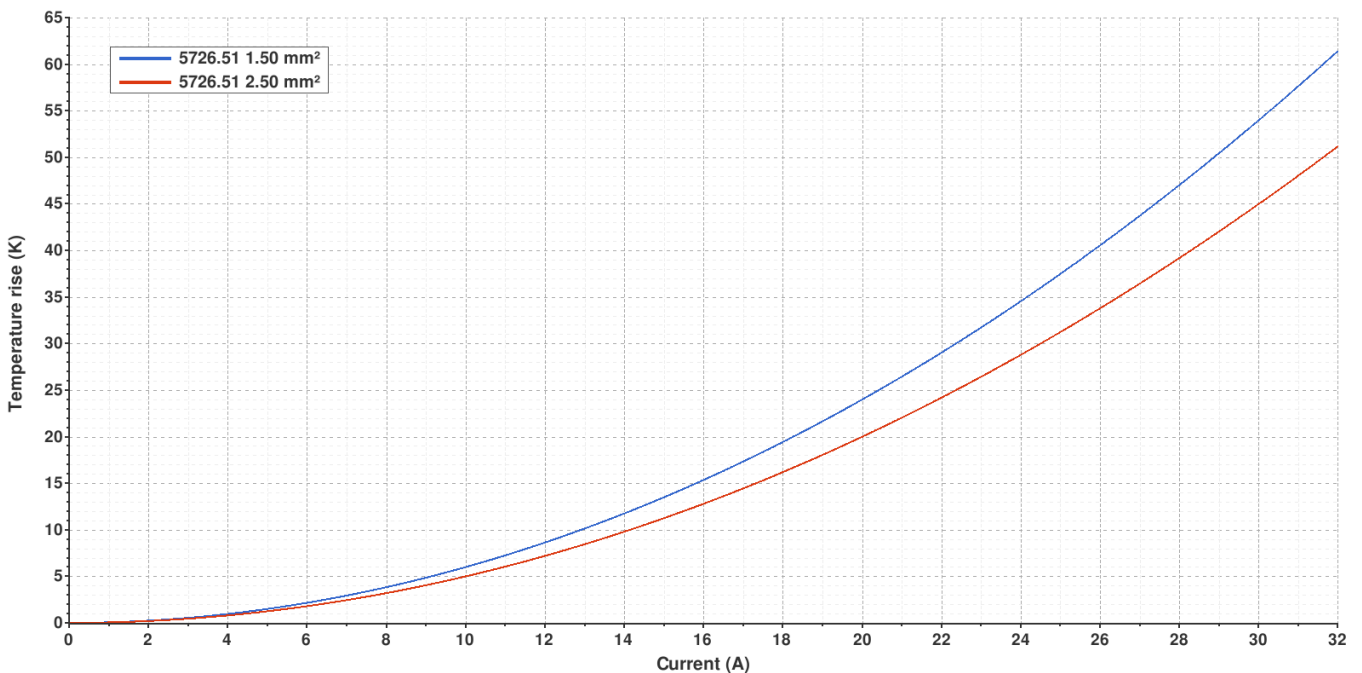


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Derating curve Current carrying capacity vs. Ambient temperature



Temperature rise curve Terminal temperature rise due to the current carried



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

Disclaimer

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Escubedo Connection Systems, S.A.U. · Ctra. de Girona-Olot Km. 35,5 · 17843 Riudellots de la Creu · Girona · Spain
 Tel.: 34 972 171 706 · Fax: +34 972 171 714 · info@escubedo.com · www.escubedo.com