

5719.**

4.8 (.187) TYPE SERIES · FLAGS

SELF-LOCKING RECEPTACLES. LOW INSERTION TERMINALS.



Specification Self-locking terminals under TP design

For male (mm) 4,8x0,8

Wire size mm² (AWG) 1-2,5 (18-14)

Ø Insulation (mm) 3-3,8

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
5719.00	Brass	Natural	110	(T.B.D.)
5719.01	Brass	Pre-tin-plated	120	0.75
5719.30	Bronze	Natural	120	(T.B.D.)
5719.31	Bronze	Pre-tin-plated	130	(T.B.D.)
5719.70	German Silver	Natural	210	(T.B.D.)

Material thickness (mm) 0,35

Max. rated current

Wire section	5719.00 / 01 / 30 / 31 / 70
1.00 mm ²	12A
1.50 mm ²	16A
2.50 mm ²	20A

Insertion / Withdrawal forces

	5719.00 / 01 / 30 / 31 / 70
1st Insertion (max)	25N
1st Withdrawal (max)	25N
1st Withdrawal (min, locking enabled)	50N

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

MN5718

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
1.00 mm ²	1.50 (±0.05)	2.63 (±0.05)	3.50 (±0.10)	108N @ 60s
1.50 mm ²	1.65 (±0.05)	2.66 (±0.05)	3.50 (±0.10)	150N @ 60s
2.00 mm ²	1.80 (±0.05)	2.67 (±0.05)	3.50 (±0.10)	150N @ 60s
2.50 mm ²	1.95 (±0.05)	2.68 (±0.05)	3.50 (±0.10)	230N @ 60s

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

3500

Compatible connectors

24839**

Approvals



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Drawing



(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