5716.**

4.8 (.187) TYPE SERIES · FLAGS

SELF-LOCKING RECEPTACLES. LOW INSERTION TERMINALS.

TP SEK

Specification Self-locking terminals under TP design

For male (mm) 4,8x0,5

Wire size mm² (AWG) 0,5-1,5 (20-16)

Ø Insulation (mm) 1,9-3,3

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (ºC)
5716.00	Brass	Natural	110
5716.01	Brass	Pre-tin-plated	120
5716.30	Bronze	Natural	120
5716.31	Bronze	Pre-tin-plated	130
5716.70	German Silver	Natural	210

Material thickness (mm) 0,35

Max. rated current

Wire section	5716.00 / 01 / 30 / 31 / 70
0.50 mm²	8A
0.75 mm²	10A
1.00 mm²	12A
1.50 mm²	16A

Insertion / Withdrawal forces

	5716.00 / 01 / 30 / 31 / 70
1st Insertion (max)	25N
1st Withdrawal (max)	25N
1st Withdrawal (min, locking enabled)	50N

Secutiry 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 MN5716

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.50 mm²	1.25 (±0.03)	2.42 (±0.03)	3.50 (±0.10)	56N @ 60s
0.75 mm²	1.35 (±0.05)	2.44 (±0.05)	3.50 (±0.10)	84N @ 60s
1.00 mm²	1.45 (±0.05)	2.45 (±0.05)	3.50 (±0.10)	108N @ 60s
1.50 mm²	1.65 (±0.05)	2.49 (±0.05)	3.50 (±0.10)	150N @ 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 4500

Compatible connectors 24839**

Approvals RoHS

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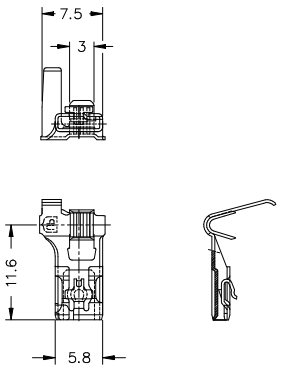
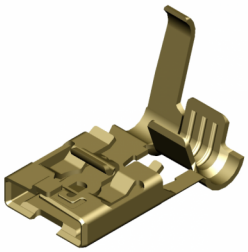
Drawing





Disclaimer

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A2	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A1	Datasheets generated automatically [A1]	2018-09-20	Laboratory Dept.	E. Roura

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