

4734.** 6.3 (.250) TYPE SERIES · RECEPTACLES SELF-LOCKING RECEPTACLES



Specification Standard self-locking terminals for manual disconnection

For male (mm) 6,3x0,8

Wire size mm² (AWG) 2,5-5 (14-10)

Ø Insulation (mm) 3,6-5

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
4734.00	Brass	Natural	110
4734.02	Brass	Tin plated	120
4734.30	Bronze	Natural	120
4734.32	Bronze	Tin plated	130

Material thickness (mm) 0,4

Max. rated current

Wire section	4734.00 / 02 / 30 / 32
1.50 mm ²	16A
2.50 mm ²	20A

Insertion / Withdrawal forces

	4734.00 / 02 / 30 / 32
1st Insertion (max)	35N ¹
1st Withdrawal (max)	30N ¹
1st Withdrawal (min, locking enabled)	90N ¹

¹ Valid for Natural Brass Tab

Security function

Self-locking function prevents disconnection by pulling the cable. Disconnection is possible disabling the locking function, pressing the lever manually or sliding the connector (see withdrawal forces). It allows several connections-disconnections maintaining the functional features.

Application tool

MN4724

Wire strip length

5.5 (±0.5) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)		
1.00 + 2.50 mm ²	2.20 (±0.05)	3.58 (±0.05)	4.60 (±0.10)	(108N @ 60s) + (230N @ 60s)
1.50 + 1.50 mm ²	2.10 (±0.05)	3.58 (±0.05)	4.60 (±0.10)	(150N @ 60s) + (150N @ 60s)
1.50 + 2.50 mm ²	2.30 (±0.05)	3.59 (±0.05)	4.60 (±0.10)	(150N @ 60s) + (230N @ 60s)
2.50 mm ²	1.95 (±0.05)	3.57 (±0.05)	4.60 (±0.10)	230N @ 60s
2.50 + 2.50 mm ²	2.40 (±0.05)	3.61 (±0.05)	4.60 (±0.10)	(230N @ 60s) + (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

6000

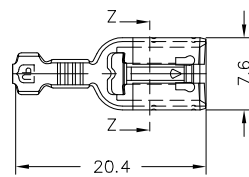
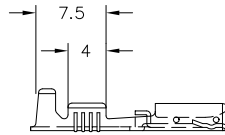
Approvals



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Drawing



Secc. Z-Z



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Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	Change company name and logo	2021-10-21	E.Roura (laboratory dept.)	M.Codina (engineering dept.)
A2	Security function updated	2021-02-22	E.Roura (laboratory dept.)	M.Codina (engineering dept.)
A1	Datasheet generated automatically [A1]	2020-11-16	E.Roura (Laboratory dept.)	M.Codina (Engineering dept.)

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