



4943S**

6.3 (.250) TYPE SERIES · RECEPTACLES

SELF-LOCKING RECEPTACLES. LOW INSERTION TERMINALS.



Specification Extra low insertion

For male (mm) 6,3x0,8

Wire size mm² (AWG) 0,2-0,6 (24-20)

Ø Insulation (mm) 1,1-2,1

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)	Contact Resist (mΩ)
4943S00	Brass	Natural	110	2.00
4943S01	Brass	Pre-tin-plated	120	1.00

Material thickness (mm) 0,4

Max. rated current

Wire section	4943S00 / 01
0.20 mm ²	2A
0.25 mm ²	2A
0.35 mm ²	4A
0.50 mm ²	5A
0.60 mm ²	5A

Insertion / Withdrawal forces

	4943S00 / 01
1st Insertion (max)	15N ¹
1st Withdrawal (max)	20N ¹
1st Withdrawal (min, locking enabled)	60N 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 MN4943

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)		
0.20 mm ²	1.10 (±0.03)	1.95 (±0.03)	3.16 (±0.10)	28N @ 60s
0.25 mm ²	1.15 (±0.03)	1.95 (±0.03)	3.15 (±0.10)	28N @ 60s
0.35 mm ²	1.20 (±0.03)	1.95 (±0.03)	3.15 (±0.10)	40N @ 60s
0.50 mm ²	1.25 (±0.03)	1.96 (±0.03)	3.14 (±0.10)	56N @ 60s
20 AWG	1.25	1.95	3.15	58N @ 60s
22 AWG	1.20	1.95	3.15	36N @ 60s
24 AWG	1.10	1.95	3.16	22,3N @ 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

Compatible connectors 26418**, RS5412**-K, RS5413**-K



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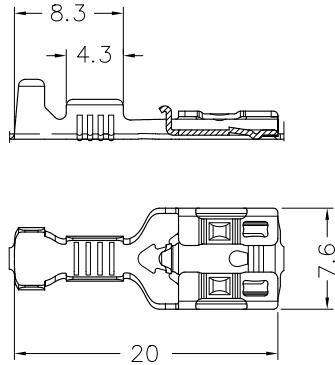


Approvals



RoHS

Drawing



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