

5823.**

6.3 (.250) TYPE SERIES · FLAGS



Specification Low insertion

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)
5823.00	Brass	Natural	110
5823.01	Brass	Pre-tin-plated	120
5823.30	Bronze	Natural	120
5823.31	Bronze	Pre-tin-plated	130
5823.24	Steel	Nickel-plated	300
5823.70	German Silver	Natural	210

Material thickness (mm) 0,4

Insertion / Withdrawal forces

	5823.00 / 30 / 70	5823.01 / 31 / 24
1st Insertion (max)	35N ¹	35N ¹
1st Withdrawal (max)	60N ¹	60N ¹
1st Withdrawal (min)	27N ¹	22N ¹
6th Withdrawal (min)	22N ¹	18N ¹

¹ Valid for Natural Brass Tab

Crimping parameters & pull out force

Wire section (±10%)	Conductor		Insulator	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
1.50 mm ²	1.70 (±0.05)	3.15 (±0.05)	4.20 (±0.10)	150N @ 60s
1.50 + 1.50 mm ²	2.10 (±0.05)	3.21 (±0.05)	4.20(±0.10)	150N @ 60s
3.00 mm ²	2.10 (±0.05)	3.21 (±0.05)	4.20 (±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 3000

Compatible connectors 26333**, 26336**

Approvals

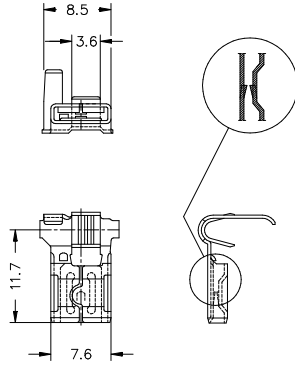


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Drawing



Disclaimer

Data obtained from Escubedo Laboratory essays, using own methodology, cablings, equipment and original crimping tools, done in laboratory conditions and following the indicated standards, errors and omissions excepted. This document has no contractual meaning and it is publised only for informative purposes. It can be changed without prior notice. The end customer has the sole responsibility to check these characteristics in its environment and with its own components, manufacturing methods and equipment. See also the full range product overview if available. For further information please visit our web site or contact us

Rev. Nr.	Concept	Date	Created/Revised	Approved
A2	Update datasheet - Crimp specifications	2023-03-08	Laboratory Dept.	E. Roura (Laboratory Dept.)
A1	Datasheet generated automatically [A1]	2021-11-12	E. Roura (Laboratory Dept.)	O. Roura (Engineering Dept.)