



8510.**
CYLINDRICAL TERMINALS · FLAGS



For male (mm) Ø 2

Wire size mm² (AWG) 0,75-1,7 (18-16)

Ø Insulation (mm) 2,3-3,3

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
8510.24	Steel	Nickel-plated	300

Material thickness (mm) 0,3

Max. rated current

Wire section	8510.24
0.75 mm ²	8A
1.00 mm ²	8A
1.50 mm ²	10A



Insertion / Withdrawal forces

	8510.24
1st Insertion (max)	30N
1st Withdrawal (max)	30N
10th Withdrawal (min)	10N

Application tool MN8510

Wire strip length 4.0 (±0.3) mm

Crimping parameters & pull out force

Wire section (±10%)	Conductor 		Insulator 	Pull-out force (N)
	Height (mm)	Width (mm)	Width (mm)	
0.75 mm ²	1.30 (±0.05)	2.25 (±0.05)	3.59 (±0.10)	84N @ 60s
1.00 mm ²	1.40 (±0.05)	2.27 (±0.05)	3.60 (±0.10)	108N @ 60s
1.50 mm ²	1.55 (±0.05)	2.28 (±0.05)	3.62 (±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 5000

Approvals

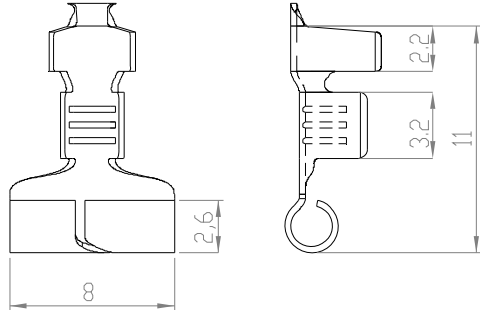




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Drawing



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A2	Update Image	2019-12-03	M.Codina (Engineering Dept.)	E.Roura (Laboratory Dept.)
A1	Datasheet created automatically [A1]	2019-09-24	E. Roura (Laboratory Dept.)	M. Codina (Engineering Dept.)