



8516.**
CYLINDRICAL TERMINALS · FLAGS



Specification Standard Terminals

Ø (mm) 2

Wire size mm² (AWG) 0,75-1,5 (18-16)

Ø Insulation (mm) 1,8-2,5

Materials, temperature and contact resistance

Part nr.	Material	Finishing	Max. Temp. (°C)
8516.00	Brass	Natural	110
8516.01	Brass	Pre-tin-plated	120
8516.24	Steel	Nickel-plated	300
8516.30	Bronze	Natural	120
8516.31	Bronze	Pre-tin-plated	130
8516.70	German Silver	Natural	210

Material thickness (mm) 0,3

Max. rated current

Wire section	8516.00 / 01 / 24 / 30 / 31 / 70
0.75 mm ²	8A
1.00 mm ²	8A
1.50 mm ²	10A



Insertion / Withdrawal forces

	8516.00 / 01 / 24 / 30 / 31 / 70
1st Insertion (max)	30N
1st Withdrawal (max)	30N
10th Withdrawal (min)	12N

Application tool MN8516

Wire strip length 3.8 (±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	1.35 (±0.05)	2.25 (±0.05)	3.20 (±0.10)	84N @ 60s
1.00 mm ²	1.40 (±0.05)	2.26 (±0.05)	3.20 (±0.10)	108N @ 60s
1.50 mm ²	1.60 (±0.05)	2.28 (±0.05)	3.20 (±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 6000

Approvals

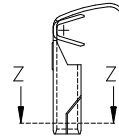
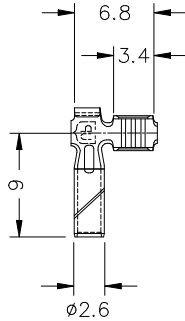




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Drawing



Secc. Z-Z



Disclaimer

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