

## 3816.\*\* RING TERMINALS · WITH INSULATION SUPPORT



<b>Specification</b>	Forks
<b>Ø (mm)</b>	2,7
<b>Wire size mm<sup>2</sup> (AWG)</b>	0,5-1 (20-18)
<b>Ø Insulation (mm)</b>	1,8-2,5

**Materials, temperature and contact resistance**


Part nr.	Material	Finishing	Max. Temp. (°C)
3816.00	Brass	Natural	110
3816.02	Brass	Tin plated	120
3816.30	Bronze	Natural	120
3816.32	Bronze	Tin plated	130

**Material thickness (mm)** 0,5

**Application tool** MN3816

**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)		
0.50 mm <sup>2</sup>	1.45 (±0.03)	2.54 (±0.03)	3.54 (±0.10)	56N @ 60s
0.75 mm <sup>2</sup>	1.55 (±0.05)	2.55 (±0.05)	3.55 (±0.10)	84N @ 60s
1.00 mm <sup>2</sup>	1.65 (±0.05)	2.56 (±0.05)	3.55 (±0.10)	108N @ 60s

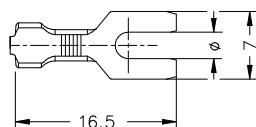
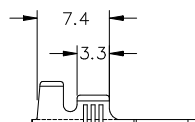
Values only valid for the application tool specified upwards. The insulator widths are only indicative as they are dependent on the sheath thickness of the wire used.

**Winding number** 8000

**Approvals**



**Drawing**



**3816.\*\***  
**RING TERMINALS · WITH INSULATION SUPPORT****Disclaimer**

Data obtained from Escubedo Laboratory essays, using own methodology, cabling, 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 publicised 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

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A1	Datasheet generated automatically [A1]	2018-10-01	Laboratory Dept.	E. Roura

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