

3378.** RING TERMINALS · WITH INSULATION SUPPORT



Specification	8.6 mm Plate
Ø (mm)	6,3
Wire size mm² (AWG)	0,75-2 (18-14)
Ø Insulation (mm)	2,5-3,5

Materials, temperature and contact resistance


Part nr.	Material	Finishing	Max. Temp. (°C)
3378.00	Brass	Natural	110
3378.02	Brass	Tin plated	120
3378.30	Bronze	Natural	120
3378.32	Bronze	Tin plated	130
3378.24	Steel	Nickel-plated	300

Material thickness (mm) 0,5

Application tool MN3370

Wire strip length 4.7 (±0.5) 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	1.60 (±0.05)	3.27 (±0.05)	4.21 (±0.10)	84N @ 60s
1.00 mm ²	1.65 (±0.05)	3.27 (±0.05)	4.22 (±0.10)	108N @ 60s
1.50 mm ²	1.75 (±0.05)	3.28 (±0.05)	4.25 (±0.10)	150N @ 60s
2.00 mm ²	1.90 (±0.05)	3.29 (±0.05)	4.28 (±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 7000

Approved regulations

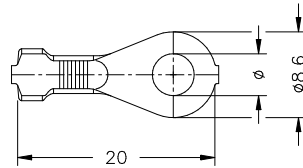
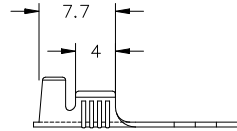
Part nr.	Approval	Standard	File	Certified framework
3378.00	UL	UL 486A-486B	E232316	AWG 18-14 (16-41 Stranded Cu) / MN3378
3378.02	UL	UL 486A-486B	E232316	AWG 18-14 (16-41 Stranded Cu) / MN3378
3378.24	UL	UL 486A-486B	E232316	AWG 18-14 (16-41 Stranded Cu) / MN3378

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 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

Rev. Nr.	Concept	Date	Created/Revised	Approved
A3	Crimping parameters updated	2022-09-20	E.Roura (laboratory dept.)	M.Codina (engineering dept.)
A2	Change company name and logo	2021-10-21	Laboratory Dept.	E. Roura
A1	Datasheet generated automatically [A1]	2018-10-01	Laboratory Dept.	E. Roura

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