

3434.** RING TERMINALS · WITH INSULATION SUPPORT



Specification 6 mm Plate

Ø (mm) 3,6

Wire size mm² (AWG) 0,5-1 (20-18)

Ø Insulation (mm) 1,8-2,5

Materials, temperature and contact resistance


| Part nr. | Material | Finishing | Max. Temp. (°C) |
|----------|----------|---------------|-----------------|
| 3434.00 | Brass | Natural | 110 |
| 3434.02 | Brass | Tin plated | 120 |
| 3434.24 | Steel | Nickel-plated | 300 |
| 3434.30 | Bronze | Natural | 120 |
| 3434.32 | Bronze | Tin plated | 130 |

Material thickness (mm) 0,5

Application tool MN3429

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) | |
| 0.50 mm ² | 1.45 (±0.03) | 2.54 (±0.03) | 3.54 (±0.10) | 56N @ 60s |
| 0.75 mm ² | 1.55 (±0.05) | 2.55 (±0.05) | 3.55 (±0.10) | 84N @ 60s |
| 1.00 mm ² | 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 10000

Approved regulations

| Part nr. | Approval | Standard | File | Certified framework |
|----------|----------|--------------|---------|--|
| 3434.00 | UL | UL 486A-486B | E232316 | AWG 20-18 (10-16 Stranded Cu) / MN3434 |
| 3434.02 | UL | UL 486A-486B | E232316 | AWG 20-18 (10-16 Stranded Cu) / MN3434 |
| 3434.24 | UL | UL 486A-486B | E232316 | AWG 20-18 (10-16 Stranded Cu) / MN3434 |

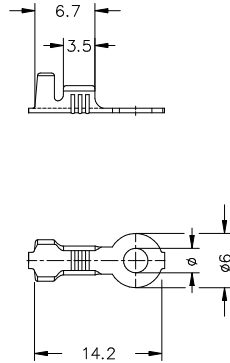
Approvals



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Drawing



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| Rev. Nr. | Concept | Date | Created/Revised | Approved |
|----------|--|------------|------------------|----------|
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| A1 | Datasheet generated automatically [A1] | 2018-10-01 | Laboratory Dept. | E. Roura |

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