# PRODUCT DATASHEET

# 6427.**
## 6.3 (.250) TYPE SERIES · MALES FOR CONNECTOR

**Specification** Standard Terminals

**Typology** With dimple hole

**Din** 46343

**Wire size mm² (AWG)** 0,5-1 (20-18)

**Ø Insulation (mm)** 1,5-2,1 FLR

**Materials, temperature and contact resistance**

| Part nr. | Material | Finishing | Max. Temp. (ºC) |
|---|---|---|---|
| 6427.00 | Brass | Natural | 110 |
| 6427.01 | Brass | Pre-tin-plated | 120 |
| 6427.02 | Brass | Tin plated | 120 |
| 6427.30 | Bronze | Natural | 120 |
| 6427.31 | Bronze | Pre-tin-plated | 130 |

**Material thickness (mm)** 0,4

**Application tool** MN6421

**Wire strip length** 5.0 (±0.5) mm

**Crimping parameters & pull out force**

| Wire section (±10%) | Conductor | | Insulator | Pull-out force (N) |
|---|---|---|---|---|
| | Height (mm) | Width (mm) | Width (mm) | |
| 0.50 mm² | 1.35 (±0.03) | 2.09 (±0.03) | 2.95 (±0.10) | 56N @ 60s |
| 0.75 mm² | 1.45 (±0.05) | 2.09 (±0.05) | 2.98 (±0.10) | 84N @ 60s |
| 1.00 mm² | 1.55 (±0.05) | 2.11 (±0.05) | 3.00 (±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** 6000

**Compatible connectors** 26341**, 26342**, 26343**, 26344**, 26346**, 26348**, 26373**, 26376**, 26377**, 26379**, 26382**, 26383**, R5642**-K, R5643**-K, R5645**-K, R5646**-K, R5653**-K, R5655**-K, R5656**-K, R5658**-K, R56710**-K, R5678**-K, R56882**-K, R56884**-K, R5743**-K, R5745**-K, R5755**-K

**Tongue thickness (mm)** 6,3x0,8

**Max. rated current**

| Wire section | 6427.00 / 01 / 02 / 30 / 31 |
|---|---|
| 0.50 mm² | 8A |
| 0.75 mm² | 10A |
| 1.00 mm² | 12A |

**Approved regulations**

| Part nr. | Approval | Standard | File | Certified framework |
|---|---|---|---|---|
| 6427.02[1] | VDE | EN 61984 | DE1-70504/B1 | |

[1] Cat. No. meets with the standard EN611984 as a component of UP-RAST5 connection Series. 400V; max 20A

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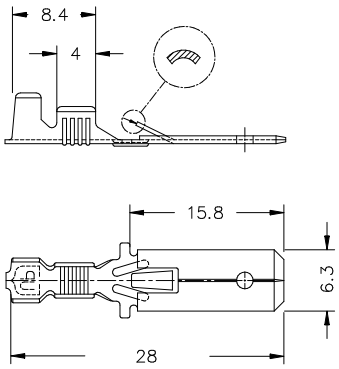
**Approvals**

**Drawing**

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| Rev. Nr. | Concept | Date | Created/Revised | Approved |
|---|---|---|---|---|
| A7 | Update standards & regulations | 2026-01-27 | E. Roura (laboratory dept.) | E. Turon (engineering dept.) |
| A6 | Add .02 material | 2023-04-21 | D. Yabar (Engineering Dept.) | E. Roura (Laboratory Dept.) |
| A5 | Change company name and logo | 2021-10-21 | E. Roura (Laboratory Dept.) | M. Codina (Engineering Dept.) |
| A4 | Compatible connectors & UL Standards Update | 2021-05-19 | E. Roura (Laboratory Dept.) | M. Codina (Engineering Dept.) |
| A3 | Update Materials | 2019-12-03 | M.Codina (Engineering Dept.) | E.Roura (Laboratory Dept.) |
| A2 | Add material .02 | 2019-10-29 | D. Martinez (Laboratory Dept.) | M. Codina (Engineering Dept.) |
| A1 | Datasheet generated automatically [A1] | 2019-09-03 | Laboratory Dept. | E. Roura |

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