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# PRODUCT DATASHEET

## 5132.**
## SPECIAL TERMINALS · SPLICES

**Specification** Side crimping

**W (mm)** 5,8

**Wire size mm² (AWG)** 1-2,5(18-14)

**Materials, temperature and contact resistance**

| Part nr. | Material | Finishing | Max. Temp. (ºC) |
|---|---|---|---|
| 5132.00 | Brass | Natural | 110 |
| 5132.01 | Brass | Pre-tin-plated | 120 |
| 5132.24 | Steel | Nickel-plated | 300 |

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

**Application tool** MN5132

**Wire strip length** 6.2 (±0.3) mm

**Crimping parameters & pull out force**

| Wire section (±10%) | Conductor | | Pull-out force (N) |
|---|---|---|---|
| | Height (mm) | Width (mm) | |
| 0.35 + 0.35 mm² | 1.85 (±0.05) | 3.27 (±0.05) | (40N @ 60s) x4 |
| 0.50 + 0.50 mm² | 1.75 (±0.05) | 3.26 (±0.05) | (56N @ 60s) + (56N @ 60s) |
| 0.75 + 0.75 mm² | 1.85 (±0.05) | 3.27 (±0.05) | (84N @ 60s) + (84N @ 60s) |
| 1.00 mm² | 1.75 (±0.05) | 3.26 (±0.05) | 108N @ 60s |
| 1.00 + 1.00 mm² | 1.95 (±0.05) | 3.29 (±0.05) | (108N @ 60s) + (108N @ 60s) |
| 1.00 + 1.50 mm² | 2.05 (±0.05) | 3.30 (±0.05) | (108N @ 60s) + (150N @ 60s) |
| 1.50 mm² | 1.85 (±0.05) | 3.27 (±0.05) | 150N @ 60s |
| 2.00 mm² | 1.95 (±0.05) | 3.29 (±0.05) | 150N @ 60s |
| 2.50 mm² | 2.05 (±0.05) | 3.30 (±0.05) | 230N @ 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** 6500

**Approved regulations**

| Part nr. | Approval | Standard | File | Certified framework |
|---|---|---|---|---|
| 5132.00[1] | UL | UL 486A-486B | E232316 | AWG 18-14 (16-41 Stranded Cu) / MN5132 |

[1] 1.0 , 1.5, 2.0, SOL/STR; 2.5, STR

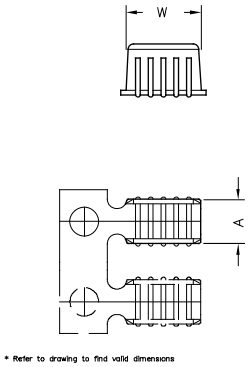
**Approvals**

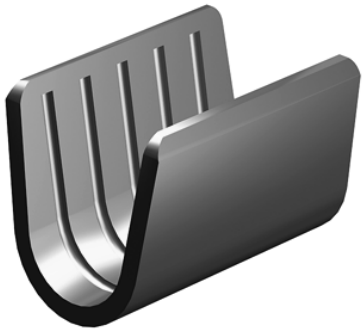
RoHS

c UL us

# 5132.**
## SPECIAL TERMINALS · SPLICES

**Drawing**



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| Rev. Nr. | Concept | Date | Created/Revised | Approved |
|---|---|---|---|---|
| A2 | Datasheet generated automatically [A1] | 2020-02-14 | Laboratory Dept. | Adan Rosello |
| 1 | | 2018-04-27 | | |

Especialitats Elèctriques Escubedo S.A.U. · Ctra. de Girona-Olot Km. 35,5 · 17843 Riudellots de la Creu · Girona · Spain
Tel.: 34 972 171 706 · Fax: +34 972 171 714 · info@escubedo.com · www.escubedo.com