



**5773.\*\***

**4.8 (.187) TYPE SERIES · FLAGS**

**SELF-LOCKING RECEPTACLES. LOW INSERTION TERMINALS.**



**Specification** Self-locking terminals under TP design

**For male (mm)** 4,8x0,8

**Wire size mm<sup>2</sup> (AWG)** 0,2-0,6 (24-20)

**Ø Insulation (mm)** 1,1-2,1

**Materials, temperature and contact resistance**

| Part nr. | Material  | Finishing      | Max. Temp. (°C) | Contact Resist (mΩ) |
|----------|-----------|----------------|-----------------|---------------------|
| 5773.00  | Brass     | Natural        | 110             | 1.50                |
| 5773.01  | Brass     | Pre-tin-plated | 120             | 1.00                |
| 5773.24  | Steel     | Nickel-plated  | 300             | 2.50                |
| 5773.51  | Cu. Alloy | Pre-tin-plated | 150             | 0.75                |

**Material thickness (mm)** 0,35

**Max. rated current**

| Wire section         | 5773.00 / 01 / 24 / 51 |
|----------------------|------------------------|
| 0.20 mm <sup>2</sup> | 2A                     |
| 0.25 mm <sup>2</sup> | 2A                     |
| 0.35 mm <sup>2</sup> | 6A                     |
| 0.50 mm <sup>2</sup> | 8A                     |
| 0.60 mm <sup>2</sup> | 8A                     |

**Insertion / Withdrawal forces**


|                                       | 5773.00 / 01 / 24 / 51 |
|---------------------------------------|------------------------|
| 1st Insertion (max)                   | 25N <sup>1</sup>       |
| 1st Withdrawal (max)                  | 25N <sup>1</sup>       |
| 1st Withdrawal (min, locking enabled) | 70N <sup>1</sup>       |

<sup>1</sup> Valid for Natural Brass Tab

**Security function**

Self-locking function prevents disconnection by pulling the cable. Disconnection is possible disabling the locking function, pressing the lever manually or sliding the connector (see withdrawal forces). It allows several connections-disconnections maintaining the functional features.

**Crimping parameters & pull out force**

| Wire section (±10%)  | Conductor  |              | Insulator    | Pull-out force (N) |
|----------------------|---|--------------|--------------|--------------------|
|                      | Height (mm)   | Width (mm)   | Width (mm)   |                    |
| 0.20 mm <sup>2</sup> | 1.15 (±0.03)  | 1.86 (±0.03) | 3.33 (±0.10) | 28N @ 60s          |
| 0.25 mm <sup>2</sup> | 1.15 (±0.03)  | 1.86 (±0.03) | 3.33 (±0.10) | 28N @ 60s          |
| 0.35 mm <sup>2</sup> | 1.20 (±0.03)  | 1.86 (±0.03) | 3.34 (±0.10) | 40N @ 60s          |
| 0.50 mm <sup>2</sup> | 1.25 (±0.03)  | 1.86 (±0.03) | 3.34 (±0.10) | 56N @ 60s          |
| 0.60 mm <sup>2</sup> | 1.30 (±0.05)  | 1.87 (±0.05) | 3.35 (±0.10) | 56N @ 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** 3500

**Compatible connectors** 24837\*\*

**Approvals**





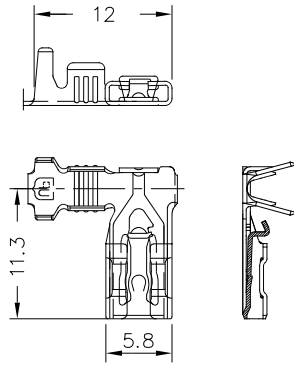
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**SELF-LOCKING RECEPTACLES. LOW INSERTION TERMINALS.**



**Drawing**



**Disclaimer**

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| Rev. Nr. | Concept   | Date       | Created/Revised        | Approved |
|----------|---|------------|------------------------|----------|
| A3       | Correction - Subtitle of the datasheet                                | 2019-03-21 | Laboratory Dept.       | E. Roura |
| A2       | Update datasheet (Specification)                                      | 2018-07-13 | Laboratory Dept.       | E. Roura |
| A1       | Datasheet generated automatically [A1] - Update crimp especifications | 2018-06-22 | Engineering department | X.Menac  |