

## Datasheet

Item no. 1576568, 1576575, 1576578, 1576581, 1576586, 1576589, 1576592, 1576595, 1576598, 1576602, 1576607, 1576612, 1576615, 1576618, 1576623, 1576627, 1576631



**Aufbau:**

50 mA – 500mA: Keramikrohr

630 mA – 10 A: Keramikrohr, mit Löschmittel

**Kontaktkappen:**

Messing, vernickelt

**Lötbarkeit:** gemäß EN 60068-2-20

**Construction:**

50 mA – 500 mA: Ceramic tube

630 mA – 10 A Ceramic tube, with extinguishing agent

**Contact caps:**

Brass, nickel plated

**Solderability:** by EN 60068-2-20

### Bemessungswerte / Ratings

| Art.-No.     | Strom Current | Spannung Voltage | Ausschaltvermögen Breaking capacity | Spannungsfall Voltage drop Max [mV] | Verlustleistung Power dissip. Max [W] | Schmelzintegral Melting Integral [A <sup>2</sup> s] |
|--------------|---------------|------------------|-------------------------------------|-------------------------------------|---------------------------------------|---|
| TC-520507 2) | 100 mA        | 250 V            | 1500 A                              | 7.000                               | 1,6                                   | 0,0040  |
| TC-520510 2) | 200 mA        | 250 V            | 1500 A                              | 3.500                               | 1,6                                   | 0,023   |
| TC-520511 2) | 250 mA        | 250 V            | 1500 A                              | 2.800                               | 2,5                                   | 0,055   |
| TC-520512 2) | 315 mA        | 250 V            | 1500 A                              | 2.500                               | 2,5                                   | 0,014   |
| TC-520514 2) | 500 mA        | 250 V            | 1500 A                              | 1.800                               | 2,5                                   | 0,18  |
| TC-520515 2) | 630 mA        | 250 V            | 1500 A                              | 1.500                               | 2,5                                   | 0,12  |
| TC-520516 2) | 800 mA        | 250 V            | 1500 A                              | 1.200                               | 2,5                                   | 0,13  |
| TC-520517 2) | 1 A           | 250 V            | 1500 A                              | 1.000                               | 2,5                                   | 0,16  |
| TC-520518    | 1,25 A        | 250 V            | 1500 A                              | 800                                 | 4                                     | 0,63  |
| TC-520519    | 1,6 A         | 250 V            | 1500 A                              | 600                                 | 4                                     | 0,77  |
| TC-520520    | 2 A           | 250 V            | 1500 A                              | 500                                 | 4                                     | 1,44  |
| TC-520521    | 2,5 A         | 250 V            | 1500 A                              | 400                                 | 4                                     | 3,13  |
| TC-520522    | 3,15 A        | 250 V            | 1500 A                              | 350                                 | 4                                     | 13,30   |
| TC-520523    | 4 A           | 250 V            | 1500 A                              | 300                                 | 4                                     | 16,00   |
| TC-520524    | 5 A           | 250 V            | 1500 A                              | 250                                 | 4                                     | 31,00   |
| TC-520526    | 8 A           | 250 V            | 1500 A                              | 200                                 | 4                                     | 89,60   |
| TC-520527    | 10 A          | 250 V            | 1500 A                              | 200                                 | 4                                     | 250,00  |

Schmelzzeit-Grenzwert / Pre-arcing time limits

| Bemessungsstrom<br>Rated current | 2,1 I <sub>rat</sub><br>max. | 2,75 I <sub>rat</sub> |      | 4 I <sub>rat</sub> |        | 10 I <sub>rat</sub><br>max. |
|----------------------------------|------------------------------|-----------------------|------|--------------------|--------|-----------------------------|
|                                  |                              | min.                  | max. | min.               | max.   |                             |
| 0,05A – 3,15 A                   | 30 min                       | 10 ms                 | 2 s  | 3 ms               | 300 ms | 20 ms                       |
| 4A – 6,3A                        | 30 min                       | 10 ms                 | 3 s  | 3 ms               | 300 ms | 20 ms                       |
| 8 A + 10 A                       | 30 min                       | 40 ms                 | 20 s | 10 ms              | 1 s    | 30 ms                       |

2) kein Semko / no Semko approval

Technische Änderungen sind vorbehalten! / Technical data subject to change! 08 / 2017