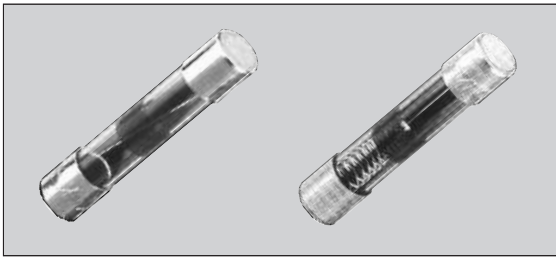




# TDC10 and TDC11

1/4" x 1 1/4" (TDC10) fast-acting (TDC11) time delay glass tube fuses



### Ordering information

- Specify part number and product code prefix,
- e.g.: BK/TDC10-20-R

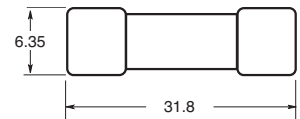
| Packaging Code   |   |
|------------------|---|
| Packaging Prefix | Description                               |
| BK               | 100 fuses packed into a cardboard carton  |
| BK1              | 1000 fuses packed into a cardboard carton |

### Product features

- TDC10 fast-acting
- TDC11 time-delay
- Lead free and RoHS compliant
- 1/4" x 1 1/4" physical size
- Glass tube, electroplated brass endcap construction
- Interrupting rating equals 10 times rated current
- TDC10 Series designed to British Standard BS2950A

### Dimensions - mm

Drawing Not to Scale



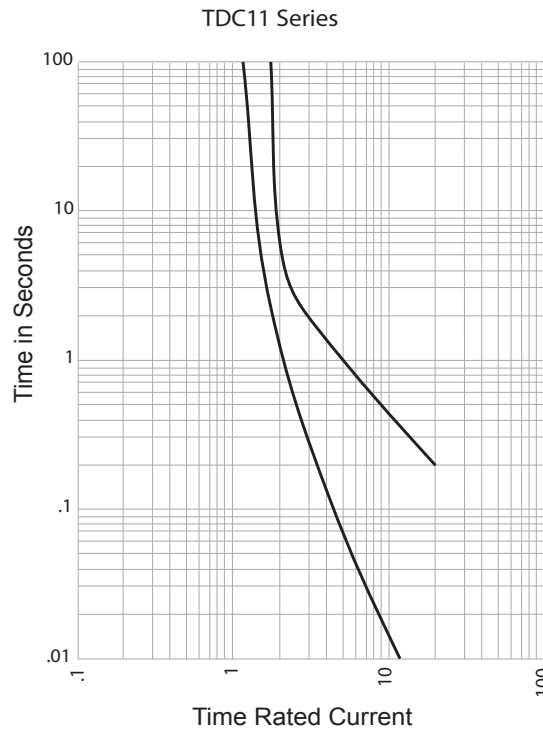
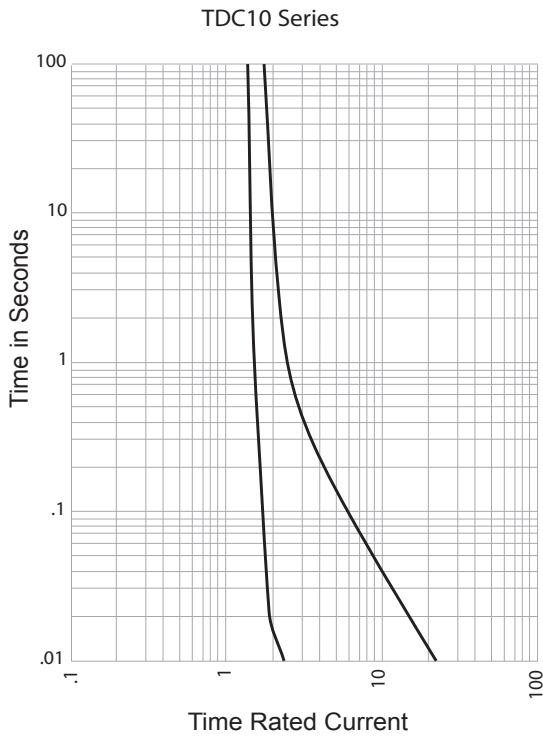
| FAST-ACTING TDC10 SPECIFICATIONS |       |                      |  |      |      |      |      |      |      |     |
|----------------------------------|-------|----------------------|--|------|------|------|------|------|------|-----|
| Part Number                      | Amps  | Voltage Rating (Vac) | Interrupting Rating (amps @ rated voltage) * |      |      |      |      |      |      |     |
|                                  |       |                      | 1000V  | 750V | 500V | 350V | 250V | 150V | 100V | 32V |
| TDC10-50-R                       | 50mA  | 1000                 | 500mA  | —    | —    | —    | —    | —    | —    | —   |
| TDC10-60-R                       | 60mA  | 1000                 | 600mA  | —    | —    | —    | —    | —    | —    | —   |
| TDC10-100-R                      | 100mA | 1000                 | 1  | —    | —    | —    | —    | —    | —    | —   |
| TDC10-150-R                      | 150mA | 1000                 | 1.5  | —    | —    | —    | —    | —    | —    | —   |
| TDC10-250-R                      | 250mA | 1000                 | 2.5  | —    | —    | —    | —    | —    | —    | —   |
| TDC10-500-R                      | 500mA | 750                  | —  | 5    | —    | —    | —    | —    | —    | —   |
| TDC10-750-R                      | 750mA | 500                  | —  | —    | 7.5  | —    | —    | —    | —    | —   |
| TDC10-1-R                        | 1     | 350                  | —  | —    | —    | 10   | —    | —    | —    | —   |
| TDC10-1.5-R                      | 1.5   | 250                  | —  | —    | —    | —    | 15   | —    | —    | —   |
| TDC10-2-R                        | 2     | 250                  | —  | —    | —    | —    | 20   | —    | —    | —   |
| TDC10-3-R                        | 3     | 250                  | —  | —    | —    | —    | 30   | —    | —    | —   |
| TDC10-5-R                        | 5     | 250                  | —  | —    | —    | —    | 50   | —    | —    | —   |
| TDC10-7-R                        | 7     | 150                  | —  | —    | —    | —    | —    | 70   | —    | —   |
| TDC10-10-R                       | 10    | 100                  | —  | —    | —    | —    | —    | —    | 100  | —   |
| TDC10-12-R                       | 12    | 32                   | —  | —    | —    | —    | —    | —    | —    | 120 |
| TDC10-15-R                       | 15    | 32                   | —  | —    | —    | —    | —    | —    | —    | 150 |
| TDC10-20-R                       | 20    | 32                   | —  | —    | —    | —    | —    | —    | —    | 200 |
| TDC10-25-R                       | 25    | 32                   | —  | —    | —    | —    | —    | —    | —    | 250 |

\* Interrupting Rating: Interrupting rating is 10 times the rated current.  
\*\* DC Cold Resistance (Measured at <10% of rated current)

| TIME-DELAY TDC11 SPECIFICATIONS |       |                      |  |      |      |      |      |      |      |
|---------------------------------|-------|----------------------|--|------|------|------|------|------|------|
| Part Number                     | Amps  | Voltage Rating (Vac) | Interrupting Rating (amps @ rated voltage) * |      |      |      |      |      |      |
|                                 |       |                      | 1000V  | 750V | 500V | 350V | 250V | 150V | 100V |
| TDC11-50-R                      | 50mA  | 1000                 | 500mA  | —    | —    | —    | —    | —    | —    |
| TDC11-60-R                      | 60mA  | 1000                 | 600mA  | —    | —    | —    | —    | —    | —    |
| TDC11-100-R                     | 100mA | 1000                 | 1  | —    | —    | —    | —    | —    | —    |
| TDC11-150-R                     | 150mA | 1000                 | 1.5  | —    | —    | —    | —    | —    | —    |
| TDC11-250-R                     | 250mA | 1000                 | 2.5  | —    | —    | —    | —    | —    | —    |
| TDC11-500-R                     | 500mA | 750                  | —  | 5    | —    | —    | —    | —    | —    |
| TDC11-750-R                     | 750mA | 500                  | —  | —    | 7.5  | —    | —    | —    | —    |
| TDC11-1-R                       | 1     | 350                  | —  | —    | —    | 10   | —    | —    | —    |
| TDC11-1.5-R                     | 1.5   | 250                  | —  | —    | —    | —    | 15   | —    | —    |
| TDC11-2-R                       | 2     | 250                  | —  | —    | —    | —    | 20   | —    | —    |
| TDC11-3-R                       | 3     | 250                  | —  | —    | —    | —    | 30   | —    | —    |
| TDC11-5-R                       | 5     | 250                  | —  | —    | —    | —    | 50   | —    | —    |
| TDC11-7-R                       | 7     | 150                  | —  | —    | —    | —    | —    | 70   | —    |
| TDC11-10-R                      | 10    | 100                  | —  | —    | —    | —    | —    | —    | 100  |

\* Interrupting Rating: Interrupting rating is 10 times the rated current.  
\*\* DC Cold Resistance (Measured at <10% of rated current)

**Time-Current Curves**



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