

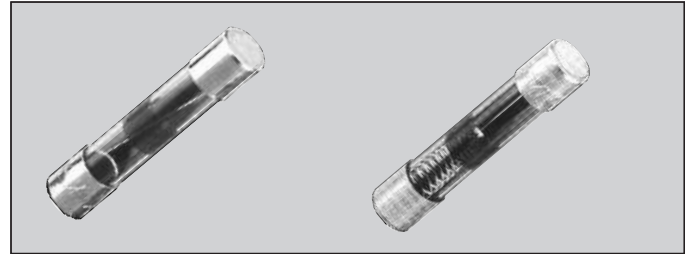
# ¼" x 1 ¼" Glass Tube Fuses



TDC10 Series (Fast-Acting) & TDC11 Series (Time-Delay)

### Description

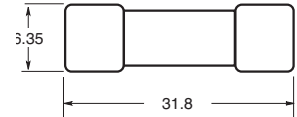
- TDC10 Series fast-acting
- TDC11 Series time-delay
- Lead free and RoHS compliant
- ¼" x 1 ¼" physical size
- Glass tube, electroplated brass endcap construction
- Interrupting rating equals 10 times rated current
- TDC10 Series designed to British Standard BS2950A



### Ordering

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

**Dimensions - mm**  
Drawing Not to Scale



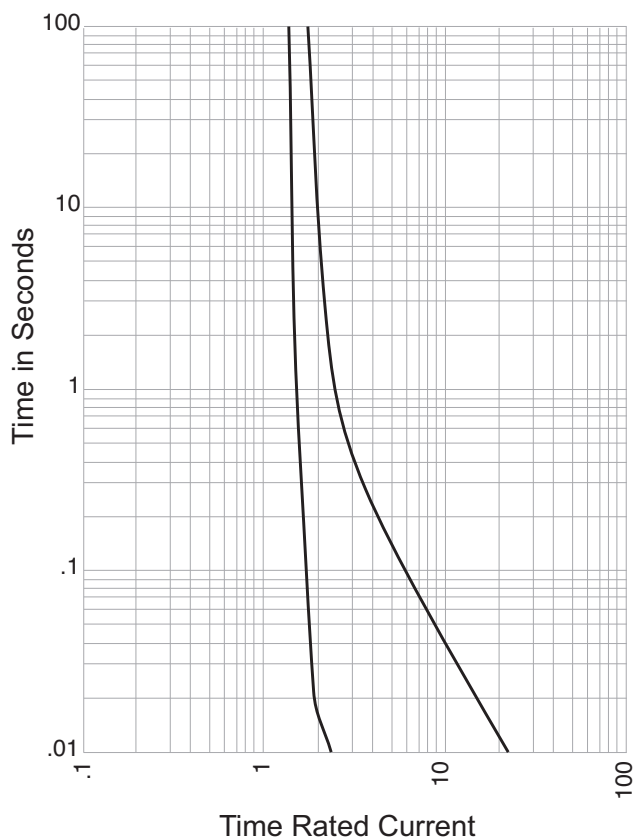
| FAST-ACTING TDC10 SERIES SPECIFICATIONS |       |                      |  |      |      |      |      |      |      |     |
|---|-------|----------------------|--|------|------|------|------|------|------|-----|
| Part Number                             | Amps  | Voltage Rating (Vac) | Interrupting 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 |

| TIME-DELAY TDC11 SERIES 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  |

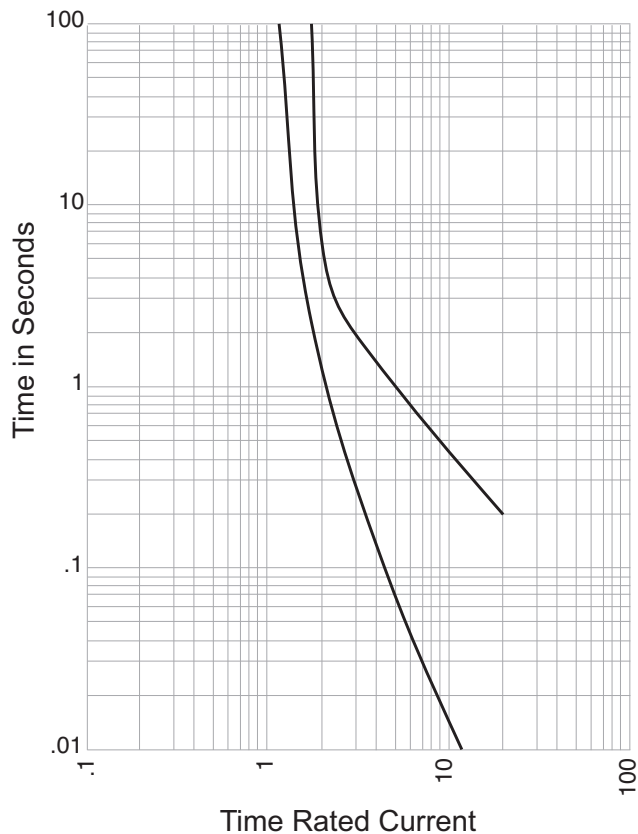
\* Interrupting Rating: Interrupting rating is 10 times the rated current.  
\*\* DC Cold Resistance (Measured at <10% of rated current)

# Time-Current Curves

## TDC10 Series



## TDC11 Series



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

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