

# British Plug Top Fuse

## Fast/Medium

TDC180



CATALOG SYMBOL: TDC180 (8AG)  
FAST/MEDIUM BRITISH PLUG TOP FUSE  
240 VOLTS AC  
BS1362, IEC 269-3A

### Electrical Ratings (Catalog Symbol and Amperes)

#### 240 Volts AC

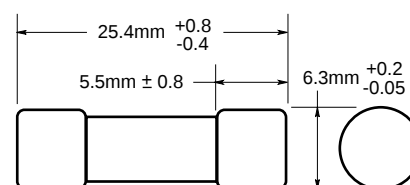
|           |            |            |
|-----------|------------|------------|
| TDC180-1A | TDC180-5A  | TDC180-13A |
| TDC180-2A | TDC180-7A  | —          |
| TDC180-3A | TDC180-10A | —          |

| Rated Current | Rated Volt AC     | Breaking Capacity                       | Power Dissipation Max. | Color | Approvals |
|---------------|-------------------|-----------------------------------------|------------------------|-------|-----------|
| 1A            | 240<br>(264 max.) | 6000A<br>264VAC, 50Hz<br>p.f. 0.3 - 0.4 | 1 Watt                 | Black | Asta, BSI |
| 2A            |                   |                                         |                        | Black |           |
| 3A            |                   |                                         |                        | Red   |           |
| 5A            |                   |                                         |                        | Black |           |
| 7A            |                   |                                         |                        | Black |           |
| 10A           |                   |                                         |                        | Black |           |
| 13A           |                   |                                         |                        | Brown |           |

- **Type TDC180.**
- 1/4" x 1" fast/medium British plug top fuse.
- Ceramic tube - end caps: silver-plated copper.
- Packaging: x 10, x 100, x 1000.
- Weight: 2.5g.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000 VAC, 75-1500 VDC). Refer to BIF document #8002 or contact Bussmann Application Engineering at 314-527-1270 for more information.

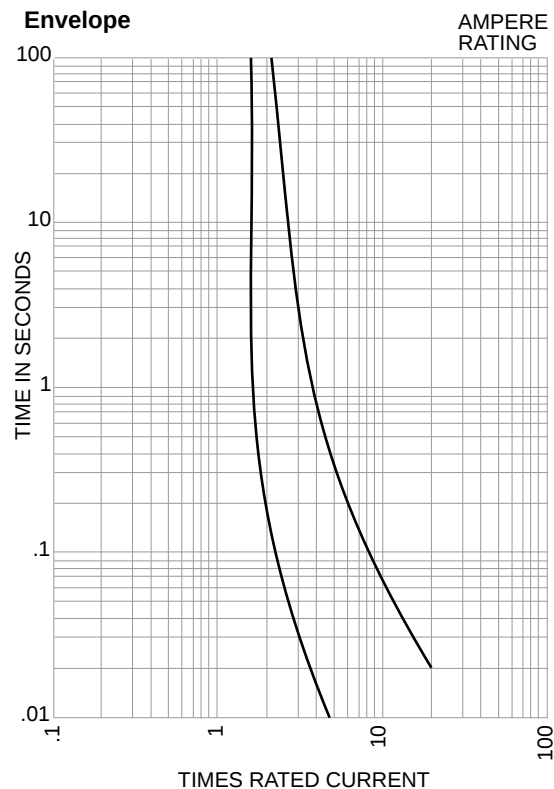
### Dimensional Data



### Limits for Pre-arcing Time

|          | 1.0 In.    | 1.6 In. | 1.9 In. |
|----------|------------|---------|---------|
| In       | MIN        | MIN     | MAX     |
| 1A - 13A | 1000 hours | 30 min. | 30 min. |

### Envelope



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## TDC17 (C17)



**Agency Approvals:** Conforms to BS646  
For use in plugs and socket outlet adaptors to BS546

**Dimensions (mm):** 5 x 19

**Breaking Capacity:** 1000A at 0.6 lagging power factor - 250V

**Order Code:** TDC17- + Rating  
**Type:** Fast Acting, high breaking capacity  
**Construction:** Ceramic cartridge, silvered end caps  
**Ratings (A):** 1, 2, 3, 5  
**Rated Voltage:** 250V ac  
**Packing:** 10's, 100's, 1000's

| Rating (A) | Colour Code | Max. mV drop @ $I_n$ |
|------------|-------------|----------------------|
| 1          | Green       | 500                  |
| 2          | Yellow      | 300                  |
| 3          | Black       | 235                  |
| 5          | Red         | 160                  |

## TDC180 (C180)



**Agency Approvals:**



The British Standard plug top fuse carries ASTA accreditation for 2 to 13A, all fuses comply with BS1362 and carry the BSI Kite Mark.

**Dimensions (mm):** 6.4 x 25.4

**Breaking Capacity:** 6000A/250V @ 0.3 - 0.4 p.f.

**Order Code:** TDC180 + Rating or C180 + Rating  
**Type:** Fast Acting  
**Construction:** Ceramic cartridge, silvered end caps  
**Ratings (A):** 1, 2, 3, 5, 7, 10, 13  
**Rated Voltage:** 240V ac  
**Packing:** 10's, 100's and 1000's

| Rating (A) | Colour Code | Rating (A) | Colour Code |
|------------|-------------|------------|-------------|
| 1          | Black       | 7          | Black       |
| 2          | Black       | 10         | Black       |
| 3          | Red         | 13         | Brown       |
| 5          | Black       |            |             |