

## 6.3x32mm / No. 358 Leadfree



### Dimensions (mm)



## Special Type, 500 V, T

**Time-Current Characteristic**  
Time Lag (T)

**Standard**  
None

### Features

For high voltage applications  
Surge tolerant  
High breaking capacity  
Pluggable into clips or shocksafe holders

## Specifications

### Packaging

002: Pack (100 pcs.)

### Materials

Tube: Ceramic  
End Caps: Nickel-plated brass

### Operating Temperature

-25 °C to +85 °C (consider de-rating)

### Climatic Category

-25 °C/+70 °C/21 days  
(EN 60068-1,-2-1,-2-2,-2-78)

### Stock Conditions

+10 °C to +60 °C  
relative humidity ≤ 75 % yearly average,  
without dew, maximum value for 30 days-95 %

### Vibration Resistance

24 cycles at 15 min. each (EN 60068-2-6)  
10 - 60 Hz at 0.75 mm amplitude  
60 - 2000 Hz at 10 g acceleration

### Marking

Ⓢ, T, Current Rating, 500V, Approvals

### Unit Weight

3.0 g (approx.)

### Limits for Pre-arcing Time

| Rated Current      | 1.5 x I <sub>N</sub> | 2.5 x I <sub>N</sub> | 4 x I <sub>N</sub> | 10 x I <sub>N</sub> |
|--------------------|----------------------|----------------------|--------------------|---------------------|
| 3.15 A ... 10.00 A | > 1 h                | < 15 min             | 150 ms ... 2 s     | 10 ms ... 300 ms    |



### Permissible continuous operating current is ≤ 100 % at ambient temperature of 23 °C (73.4 °F).

| Rated Current       | Amp Code | Voltage Rating | Breaking Capacity | Voltage Drop<br>1.0 x I <sub>N</sub> Ⓢ<br>max. (mV) | Power Dissipation<br>1.5 x I <sub>N</sub> Ⓢ<br>max. (W) | Melting Integral<br>10 x I <sub>N</sub> Ⓢ<br>min. (A²s) | Approvals<br>cURus |
|---------------------|----------|----------------|-------------------|-----------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|--------------------|
| 3.15 A              | 1315     | 500 V          |                   | 220                                                 | 2.3                                                     | 18                                                      | •                  |
| 4.00 A <sup>1</sup> | 1400     | 500 V          | 1500 A / 500 V AC | 200                                                 | 2.6                                                     | 41                                                      | •                  |
| 5.00 A <sup>1</sup> | 1500     | 500 V          | 50-60 Hz          | 180                                                 | 3.0                                                     | 62                                                      | •                  |
| 6.30 A <sup>1</sup> | 1630     | 500 V          | cos φ = 1.0       | 150                                                 | 3.2                                                     | 123                                                     | •                  |
| 8.00 A <sup>1</sup> | 1800     | 500 V          |                   | 140                                                 | 3.8                                                     | 250                                                     | •                  |
| 10.00 A             | 2100     | 500 V          |                   | 120                                                 | 4.0                                                     | 500                                                     | •                  |

<sup>1</sup>Depending on the application and mounting, the fuse heating at max. ambient temperature in a closed fuseholder should be considered.  
p=pending

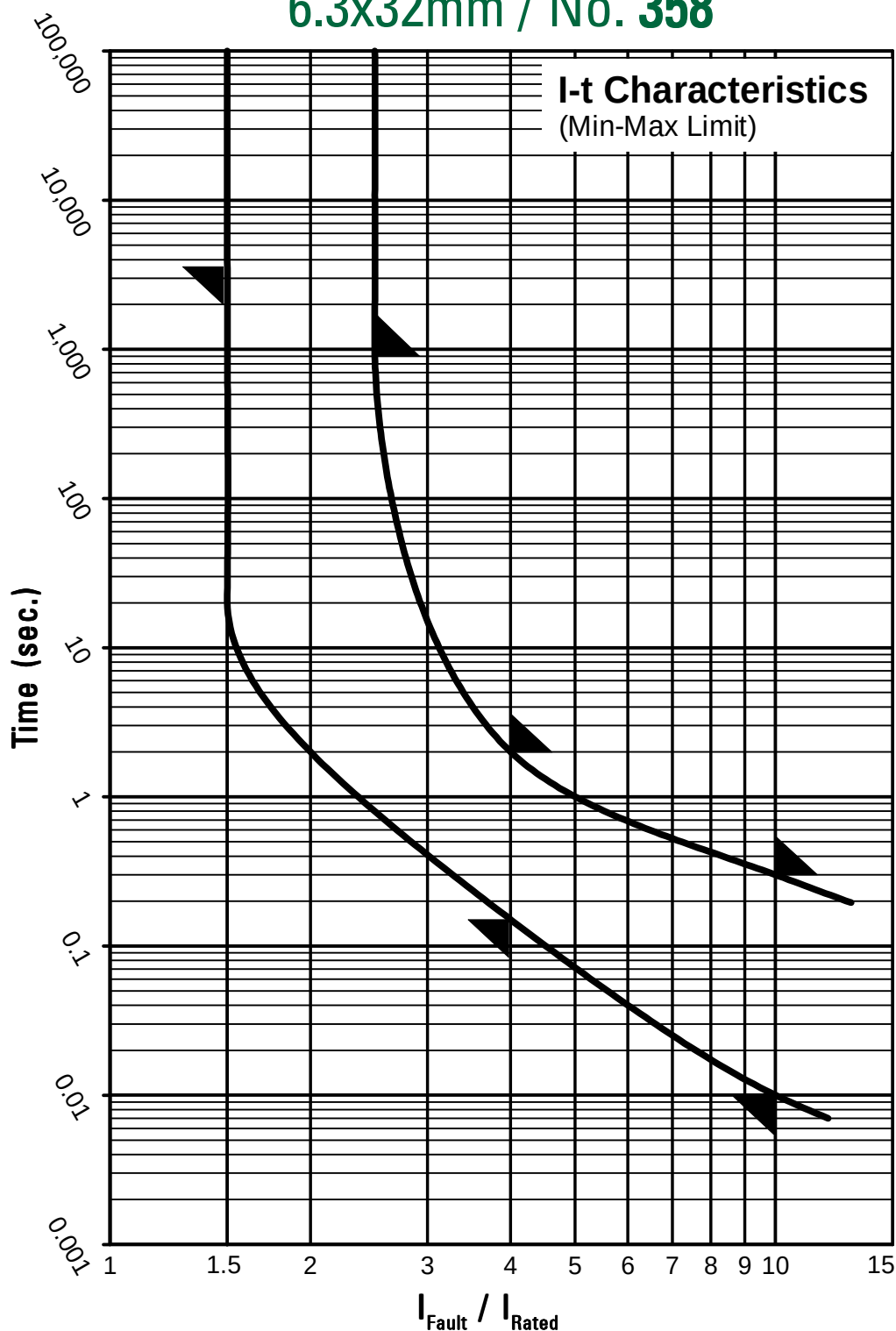
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

### Order Information

| Qty. | Order-Number | Series | Amp Code | Packaging |
|------|--------------|--------|----------|-----------|
|      |              | 358    |          |           |

Specifications are subject to change without notice

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Contact Littelfuse for individual I-t curves