

## 5x20mm / No. 201P

## DIN 41571, T.2, 250V, M

## Specifications



### Time-Current Characteristic

Medium Time Lag (M)

### Standard

DIN 41571, T.2

### Approvals

cURus

### Features

Visual fault indication  
Direct solderable or plug-in versions  
Worldwide availability

### Packaging

000: Bulk (1000 pcs.)  
002: Bulk (20x10 pcs.)  
043: With mounted holder - Tape/Reel (1250 pcs.)  
on request

### Materials

Tube: Glass  
End Caps: Nickel-plated brass  
Optional Holders: Nickel-plated caps  
Tin-plated copper wires

### Operating Temperature

-25°C to +70°C (consider de-rating)

### Climatic Category

-25°C/+70°C/21 days (EN 60068-1..3)

### 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 - 60Hz at 0.75mm amplitude  
60 - 2000Hz at 10g acceleration

### Solderability

260°C, ≤ 3 sec. (Wave)  
350°C, ≤ 1 sec. (Hand)

### Soldering Heat Resistance

260°C, 10 sec. (IEC 68-2-20)

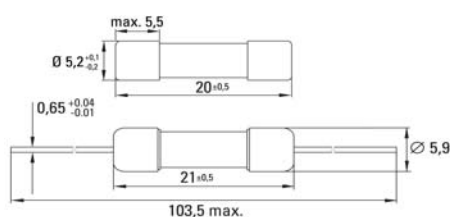
### Marking

Ⓜ, M, Current Rating, 250V, C

### Unit Weight

1.1g (approx.)  
2.1g (with leads)

### Dimensions (mm)



Optional Holders

"P" = leadfree



### Limits for Pre-arcing Time

| Rated Current  | $1.5 \times I_N$ | $2.1 \times I_N$ | $4 \times I_N$ | $10 \times I_N$ |
|----------------|------------------|------------------|----------------|-----------------|
| 32mA ... 1.25A | > 1h             | < 10 min         | 40ms ... 2s    | 5ms ... 90ms    |

### 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>$1.0 \times I_N$<br>max. (mV) | Power Dissipation<br>$1.5 \times I_N$ Ⓜ<br>max. (W) | Melting Integral<br>$10 \times I_N$ Ⓜ<br>min. (A²s) | Approvals |
|---------------|----------|----------------|-------------------|-----------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------|
| 63mA          | 0063     | 250V           |                   | 600                                           | 0.1                                                 | 0.011                                               | •         |
| 80mA          | 0080     | 250V           |                   | 540                                           | 0.2                                                 | 0.017                                               | •         |
| 100mA         | 0100     | 250V           |                   | 500                                           | 0.2                                                 | 0.022                                               | •         |
| 125mA         | 0125     | 250V           |                   | 440                                           | 0.2                                                 | 0.033                                               | •         |
| 160mA         | 0160     | 250V           |                   | 400                                           | 0.2                                                 | 0.085                                               | •         |
| 200mA         | 0200     | 250V           |                   | 340                                           | 0.3                                                 | 0.12                                                | •         |
| 250mA         | 0250     | 250V           | 80A / 250VAC      | 320                                           | 0.3                                                 | 0.13                                                | •         |
| 315mA         | 0315     | 250V           | 50-60Hz           | 300                                           | 0.3                                                 | 0.16                                                | •         |
| 400mA         | 0400     | 250V           | cos φ = 1.0       | 230                                           | 0.4                                                 | 0.28                                                | •         |
| 500mA         | 0500     | 250V           |                   | 210                                           | 0.4                                                 | 0.35                                                | •         |
| 630mA         | 0630     | 250V           |                   | 190                                           | 0.5                                                 | 0.6                                                 | •         |
| 800mA         | 0800     | 250V           |                   | 170                                           | 0.6                                                 | 1.1                                                 | •         |
| 1.00A         | 1100     | 250V           |                   | 160                                           | 0.7                                                 | 2.0                                                 | •         |
| 1.25A         | 1125     | 250V           |                   | 160                                           | 0.8                                                 | 3.2                                                 | •         |

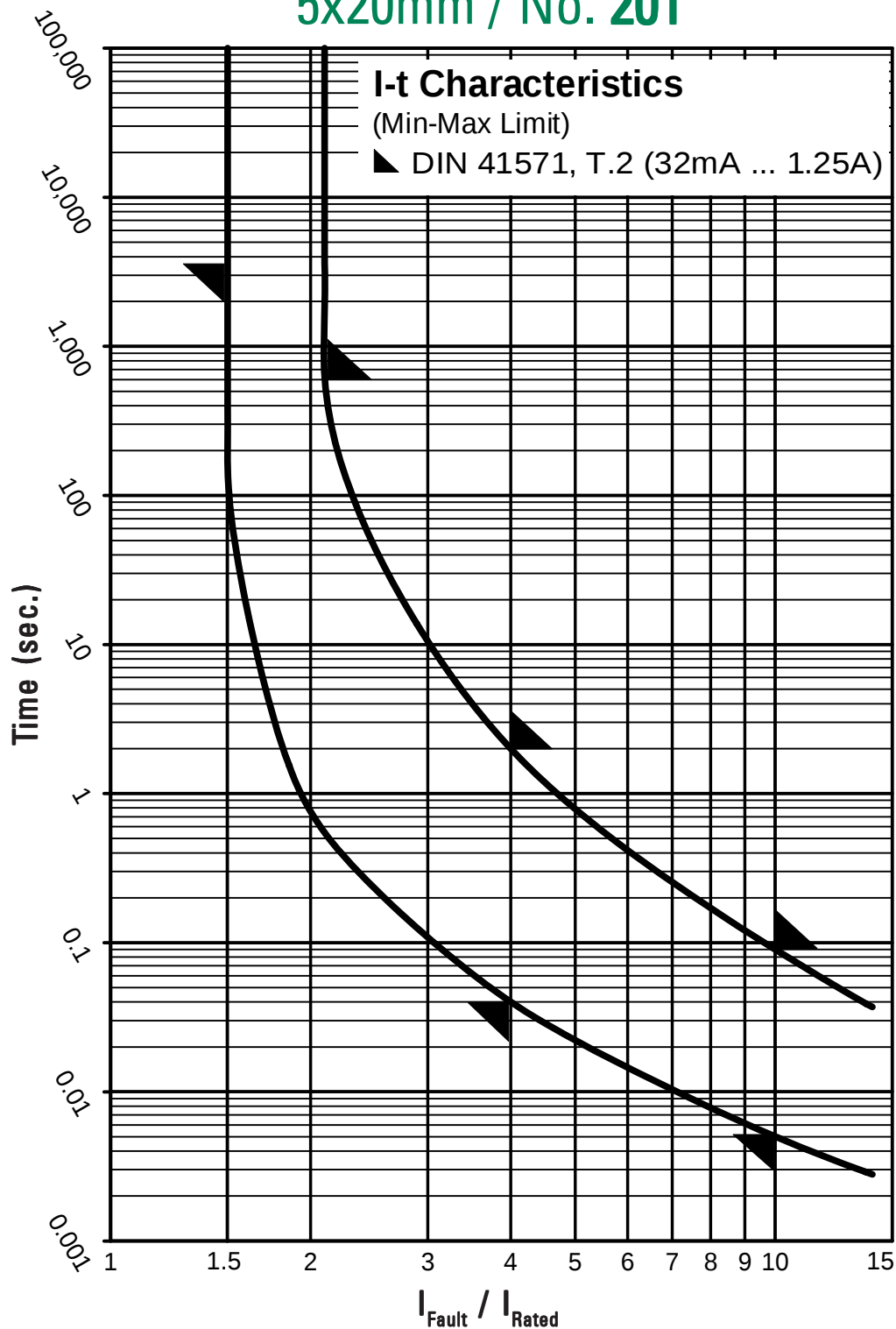
Note: 1.00 means the number one with two decimal places. 1,000 means the number one thousand.

### Order Information

| Qty. | Order-Number | Series | Amp Code | Packaging |
|------|--------------|--------|----------|-----------|
|      |              | 201P   |          |           |

Specifications are subject to change without notice

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Contact Littelfuse for individual I-t curves