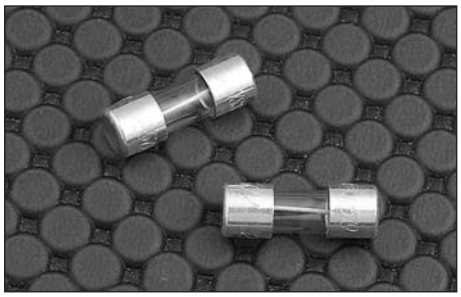
COOPER Bussmann

# 5 x 15mm Time-Delay Glass Tube Fuses
## C519 Series

### Description

- Time-delay
- 5 x 15mm physical size
- Nickel-plated brass endcap construction
- UL Listed product meets standard UL 248-14

RoHS 2002/95/EC



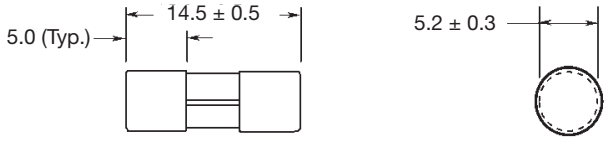
| Electrical Characteristics | | |
|---|---|---|
| **Rated Current** | **Amp Rating** | **Opening Time** |
| 125mA - 250mA | 135% | 60 minutes max. |
| | 200% | 3 seconds min. |
| | | 120 seconds max. |
| 350mA | 100% | 4 hours min. |
| | 470mA | 30 minutes max. |
| | 600mA | 90 seconds max. |
| | 2A | 2 seconds max. |
| | 6A | 500 milliseconds max. |
| 375mA - 5A | 135% | 60 minutes max. |
| | 200% | 3 seconds min. |
| | | 120 seconds max. |

### Agency Information

- UL Listed Card: C519 125mA-250mA and 375mA-3A (Guide JDYX, File E19180)
- UL Recognized Card: C519 350mA, and 3.5A-7A (Guide JDYX2, File E19180)
- CSA Certification Card: C519 125mA-250mA and 375mA-3A (Class 1422-01, File 53787)

### Dimensions - mm

Drawing Not to Scale




### Ordering

Specify product code

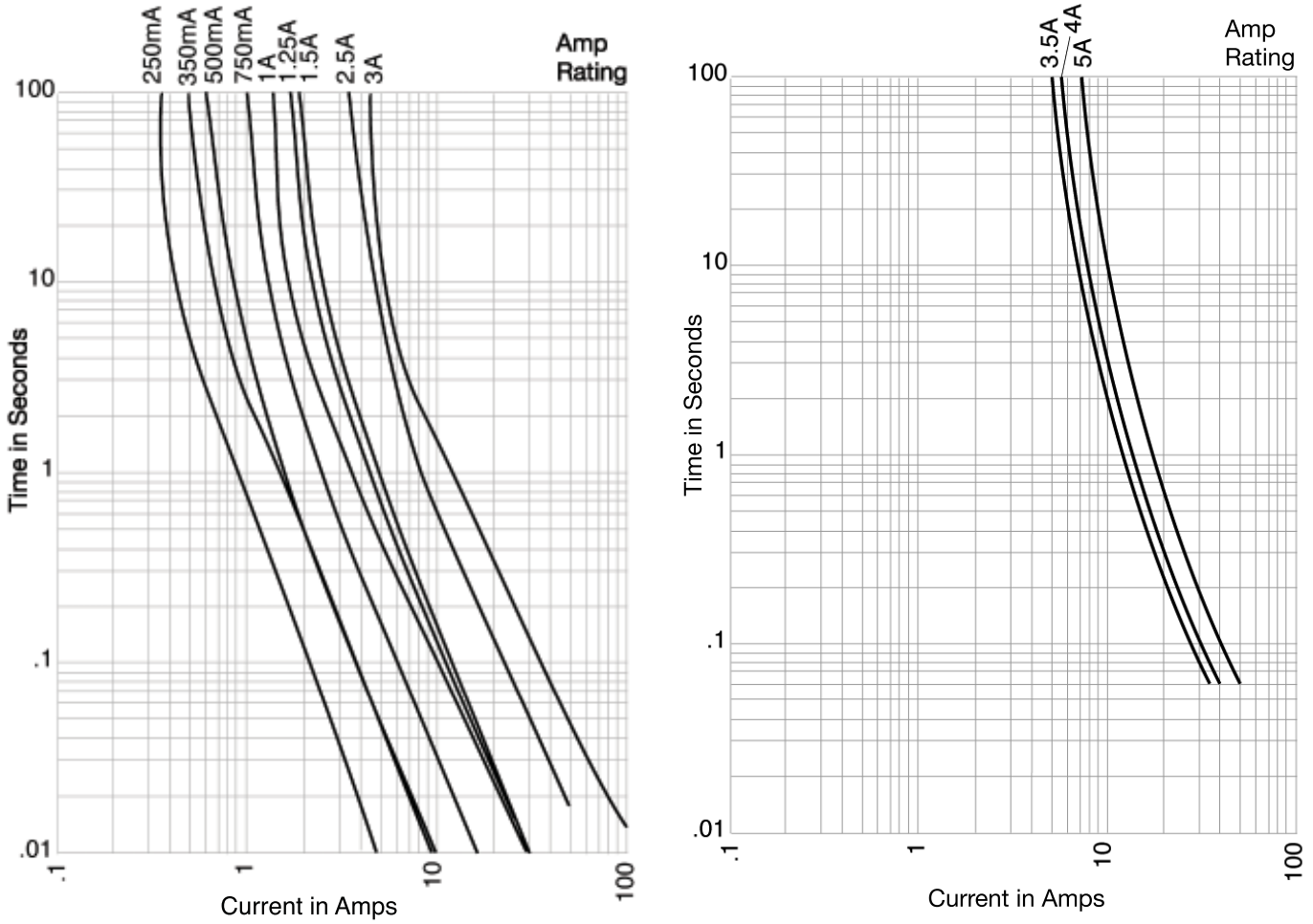
- Insert packaging code prefix before part number. E.g. BK(BK1)/C519-2-R

## Specifications

| Part Number | Voltage Rating Vac | Interrupting Rating at Rated Voltage (amps) 600Vac | 250Vac | 125Vac | Typical DC Cold Resistance* (Ω) | Typical Melting I²t** DC | Max. Voltage Drop (mV)*** |
|---|---|---|---|---|---|---|---|
| **C519-125-R** | 250 | - | 35 | 10,000 | 4.72 | 0.101 | 770 |
| **C519-250-R** | 250 | - | 35 | 10,000 | 1.32 | 0.467 | 430 |
| **C519-350-R** | 250 | 25 | 35 | 10,000 | 1.04 | 1.169 | 530 |
| **C519-375-R** | 250 | - | 35 | 10,000 | 0.81 | 1.531 | 470 |
| **C519-500-R** | 250 | - | 35 | 10,000 | 0.54 | 2.280 | 440 |
| **C519-600-R** | 250 | - | 35 | 10,000 | 0.38 | 6.982 | 350 |
| **C519-750-R** | 250 | - | 35 | 10,000 | 0.26 | 9.162 | 310 |
| **C519-1-R** | 250 | - | 35 | 10,000 | 0.14 | 14.289 | 230 |
| **C519-1.25-R** | 250 | - | 100 | 10,000 | 0.13 | 22.961 | 220 |
| **C519-1.5-R** | 250 | - | 100 | 10,000 | 0.10 | 31.989 | 240 |
| **C519-1.6-R** | 250 | - | 100 | 10,000 | 0.09 | 31.156 | 200 |
| **C519-2-R** | 250 | - | 100 | 10,000 | 0.059 | 60.256 | 170 |
| **C519-2.25-R** | 250 | - | 100 | 10,000 | 0.057 | 97.724 | 180 |
| **C519-2.5-R** | 250 | - | 100 | 10,000 | 0.046 | 78.163 | 190 |
| **C519-3-R** | 250 | - | 100 | 10,000 | 0.035 | 80.426 | 150 |
| **C519-3.5-R** | 125 | - | - | 400 | 0.028 | 149.279 | 130 |
| **C519-4-R** | 125 | - | - | 400 | 0.023 | 233.346 | 130 |
| **C519-5-R** | 125 | - | - | 400 | 0.019 | 354.813 | 150 |

* DC Cold Resistance (Measured at <10% of rated current)
** Typical Melting I²t (A²Sec) (Typical I²t at 10 times rated current)
*** Typical Voltage Drop (Voltage drop was measured at 25°C±3°C ambient temperature at rated current)

## Time-Current Curve




| Packaging Code | |
|---|---|
| **Packaging Code Prefix** | **Description** |
| **BK** | 100 fuses packed into a cardboard carton |
| **BK1** | 1,000 fuses packed into a cardboard carton |

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