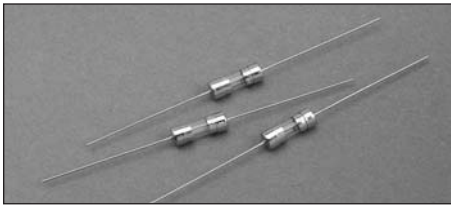


5 x 15mm Axial-Leaded, Time-Delay, Glass Tube Fuses C515 Series



Description

- Axial-leaded, time-delay
- 5 x 15mm physical size
- Nickel-plated brass endcap construction
- Leads are tin coated
- Optional sleeve is flexible flouropolymer (UL Flammability rating VW-1).
- UL Listed product meets standard UL 248-14

Agency Information

- UL Listed Card: C515 125mA-250mA and 375mA-3A (Guide JDYX, File E19180)
- UL Recognized Card: C515 350mA, and 3.5A-7A (Guide JDYX2, File E19180)
- CSA Certification Card: C515 125mA-250mA and 375mA-3A (Class 1422-01, 53787)

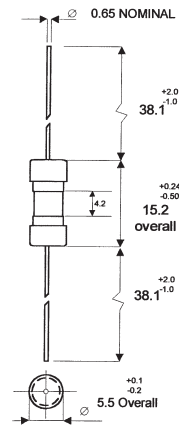
Ordering

Specify product code

- Insert packaging code prefix before part number.
E.g., BK (or TR2)/C515-2-R
- With TR2 packaging code, lead wire length is 20.3mm
- Specify option code, if desired
- For insulation sleeve, insert "S" after part series.
E.g., BK/C515S-2-R

Dimensions - mm

Drawing Not to Scale



| 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. |
| 375mA - 7A | 6A | 500 milliseconds max. |
| | 135% | 60 minutes max. |
| | 200% | 3 seconds min. 120 seconds max. |

Specifications

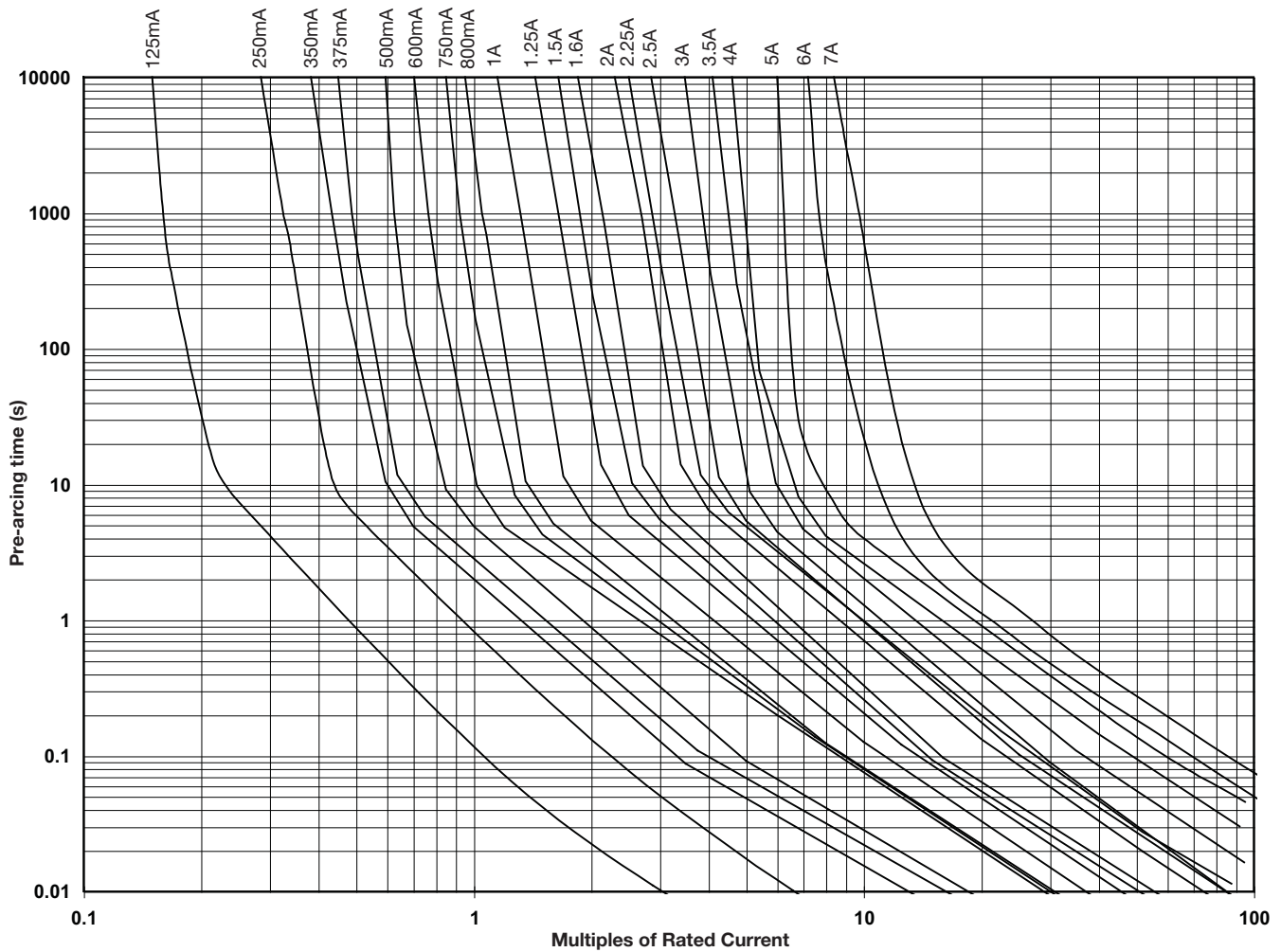
| Product Code | Voltage Rating Vac | Interrupting Rating (amps) | | | Typical DC Cold Resistance* (Ω) | Typical Melting I ² t** | Max Voltage Drop (mV)*** |
|--------------|--------------------|----------------------------|--------|--------|---------------------------------|------------------------------------|--------------------------|
| | | 600Vac | 250Vac | 125Vac | | | |
| C515-125-R | 250 | - | 35 | 10000 | 4.72 | 0.101 | 770 |
| C515-250-R | 250 | - | 35 | 10000 | 1.32 | 0.467 | 430 |
| C515-350-R | 250 | 25 | 35 | 10000 | 1.04 | 1.169 | 530 |
| C515-375-R | 250 | - | 35 | 10000 | 0.81 | 1.531 | 470 |
| C515-500-R | 250 | - | 35 | 10000 | 0.54 | 2.280 | 440 |
| C515-600-R | 250 | - | 35 | 10000 | 0.38 | 6.982 | 350 |
| C515-750-R | 250 | - | 35 | 10000 | 0.26 | 9.162 | 310 |
| C515-800-R | 250 | - | 35 | 10000 | 0.23 | 10.544 | 260 |
| C515-1-R | 250 | - | 35 | 10000 | 0.14 | 14.289 | 230 |
| C515-1.25-R | 250 | - | 100 | 10000 | 0.13 | 22.961 | 220 |
| C515-1.5-R | 250 | - | 100 | 10000 | 0.100 | 31.989 | 240 |
| C515-1.6-R | 250 | - | 100 | 10000 | 0.090 | 35.156 | 200 |
| C515-2-R | 250 | - | 100 | 10000 | 0.059 | 60.256 | 170 |
| C515-2.25-R | 250 | - | 100 | 10000 | 0.057 | 97.724 | 180 |
| C515-2.5-R | 250 | - | 100 | 10000 | 0.046 | 78.163 | 190 |
| C515-3-R | 250 | - | 100 | 10000 | 0.035 | 80.426 | 150 |
| C515-3.5-R | 125 | - | - | 400 | 0.028 | 149.279 | 130 |
| C515-4-R | 125 | - | - | 400 | 0.023 | 233.346 | 130 |
| C515-5-R | 125 | - | - | 400 | 0.019 | 354.813 | 150 |
| C515-6-R | 125 | - | - | 400 | 0.014 | 471.360 | 125 |
| C515-7-R | 125 | - | - | 400 | 0.013 | 710.500 | 100 |

*DC Cold Resistance (Measured at <10% of rated current)

**Typical Melting I²t (Minimum I²t at 10 times rated current)

***Typical Voltage Drop (Voltage drop was measured at 25°C ambient temperature at rated current)

Time-Current Curves



| Packaging Code | |
|-----------------------|---|
| Packaging Code Prefix | Description |
| BK | 100 fuses packed into a cardboard carton |
| TR2 | 1500 fuses packed into tape on a reel (20.3mm lead wire length) |

| Option Code | |
|--------------------|-------------------|
| Option Code | Description |
| S | Insulation Sleeve |

The only controlled copy of this Data Sheet is the electronic read-only version located on the Eaton Network Drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

Life Support Policy: Eaton does not authorize the use of any of its products for use in life support devices or systems without the express written approval of an officer of the Company. Life support systems are devices which support or sustain life, and whose failure to perform, when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in significant injury to the user.