

# One-Time General Purpose Fuses

## 250 and 600 Volts, 1/8 to 600 Amps

# NON and NOS



**Catalog Symbol:** NON (250V); NOS (600V)

For general purpose application

**Ampere Rating:** 1/8 to 600 Amperes

**Voltage Rating:** 250 and 600 Volts AC (or less)

**Non-Current-Limiting**

**Interrupting Rating:** 50,000A RMS Sym. (1-60A),  
10,000A (70-600A)†

**Agency Approval:**

U.L. Listed, 250 Vac Class K5 (0-60A)\*, Class H (70-600A)†

600 Vac Class K5 (0-60A)\*, Class H (70-600A)†

(65-100A) Class H 125 Vdc NON Only

U.L. Guide JDDZ, File E4274

CSA Certified, Class 1421-01, File 53787

\*Std. 248-9

†Std. 248-6

### Catalog Numbers—NON ONE-TIME (250 Volts AC)

|            |           |         |         |
|------------|-----------|---------|---------|
| NON-1/8    | NON-5     | NON-40  | NON-175 |
| NON-1/2    | NON-6     | NON-45  | NON-200 |
| NON-3/4    | NON-6 1/4 | NON-50  | NON-225 |
| NON-9/10   | NON-7     | NON-60  | NON-250 |
| NON-1      | NON-8     | NON-65  | NON-300 |
| NON-1 1/4  | NON-9     | NON-70  | NON-350 |
| NON-1 1/2  | NON-10    | NON-75  | NON-400 |
| NON-1 9/10 | NON-12    | NON-80  | NON-450 |
| NON-2      | NON-15    | NON-90  | NON-500 |
| NON-2 1/2  | NON-20    | NON-100 | NON-600 |
| NON-3      | NON-25    | NON-110 | —       |
| NON-3 9/10 | NON-30    | NON-125 | —       |
| NON-4      | NON-35    | NON-150 | —       |

### Carton Quantity and Weight—NON ONE-TIME (250 Volts AC)

| Catalog Number | Carton Qty. | Weight** |       |
|----------------|-------------|----------|-------|
|                |             | Lbs.     | Kg.   |
| NON 1/8-30     | 10          | 0.38     | 0.172 |
| NON 35-60      | 10          | 1.00     | 0.453 |
| NON 65-100     | 5           | 0.79     | 0.358 |
| NON 110-200    | 1           | 0.79     | 0.358 |
| NON 225-400    | 1           | 1.65     | 0.748 |
| NON 450-600    | 1           | 2.76     | 1.251 |

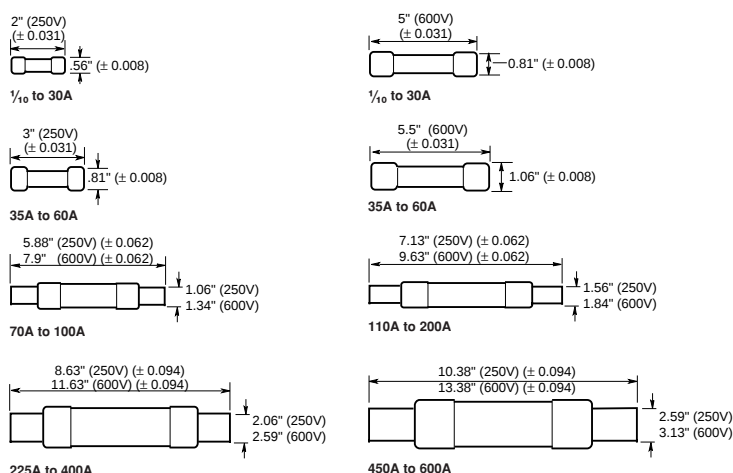
NON -(1/8-60 is rated at 125 Vdc with 50,000 AIC Rating.

NON -(65-100) is rated at 125 Vdc with 10,000 AIC Rating.

\*\*Weight per carton.

### Dimensions

All diameters (± 0.008)



### General Information:

- Protect lighting, heating and other circuits not subject to temporary surges and where available short-circuit currents are relatively low.
- ONE-TIME fuses do not have any appreciable degree of time-delay and thus should not be specified in circuits where large transients or motor overloads occur. Use Buss FUSETRON® or LOW-PEAK® dual-element, time-delay fuses.
- For general purpose circuits, size at ampere rating of circuit.
- For motor circuits, size at 300% to 400%.

### Catalog Numbers—NOS ONE-TIME (600 Volts AC)

|        |        |         |         |
|--------|--------|---------|---------|
| NOS-1  | NOS-12 | NOS-70  | NOS-225 |
| NOS-2  | NOS-15 | NOS-75  | NOS-250 |
| NOS-3  | NOS-20 | NOS-80  | NON-300 |
| NOS-4  | NOS-25 | NOS-90  | NOS-350 |
| NOS-5  | NOS-30 | NOS-100 | NOS-400 |
| NOS-6  | NOS-35 | NOS-110 | NOS-450 |
| NOS-7  | NOS-40 | NOS-125 | NOS-500 |
| NOS-8  | NOS-45 | NOS-150 | NOS-600 |
| NOS-9  | NOS-50 | NOS-175 | —       |
| NOS-10 | NOS-60 | —       | —       |

### Carton Quantity and Weight—NOS ONE-TIME (600 Volts AC)

| Catalog Number | Carton Qty. | Weight** |       |
|----------------|-------------|----------|-------|
|                |             | Lbs.     | Kg.   |
| NOS 1-30       | 10          | 1.45     | 0.657 |
| NOS 35-60      | 10          | 2.6      | 1.179 |
| NOS 70-100     | 5           | 2.80     | 1.270 |
| NOS 110-200    | 1           | 1.24     | 0.562 |
| NOS 225-400    | 1           | 3.03     | 1.374 |
| NOS 450-600    | 1           | 4.63     | 2.100 |

\*\*Weight per carton.

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 636-527-1270 for more information. Applies to OPM-1038 and OPM-1038R.

# One-Time General Purpose Fuses

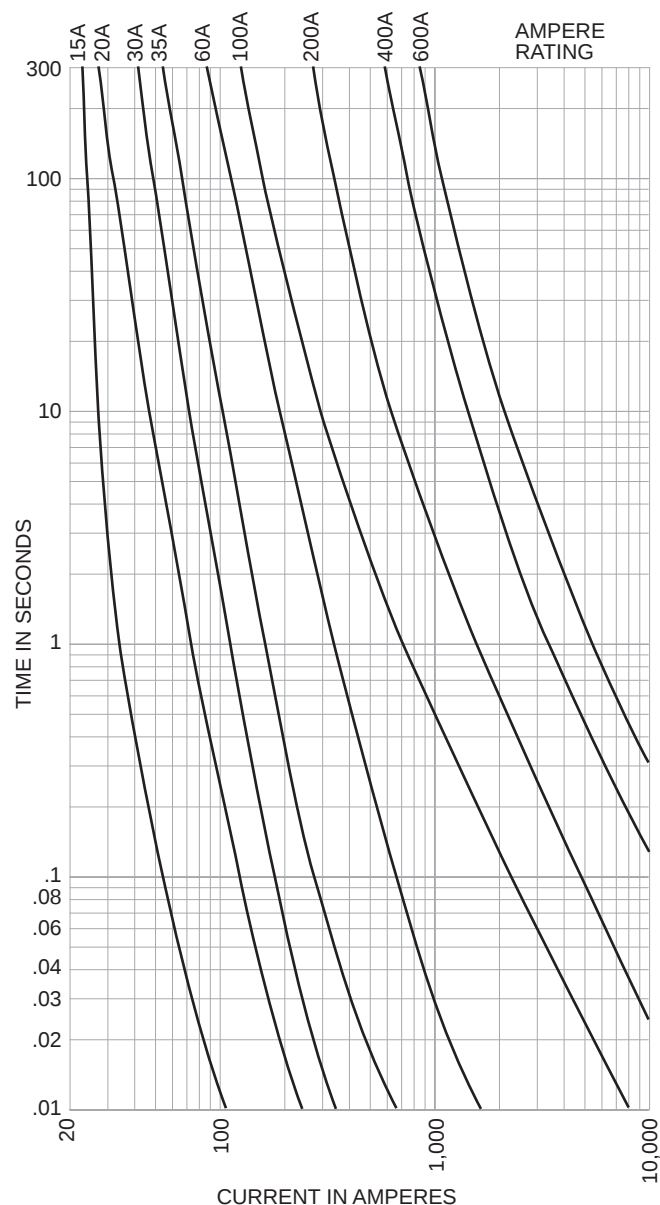
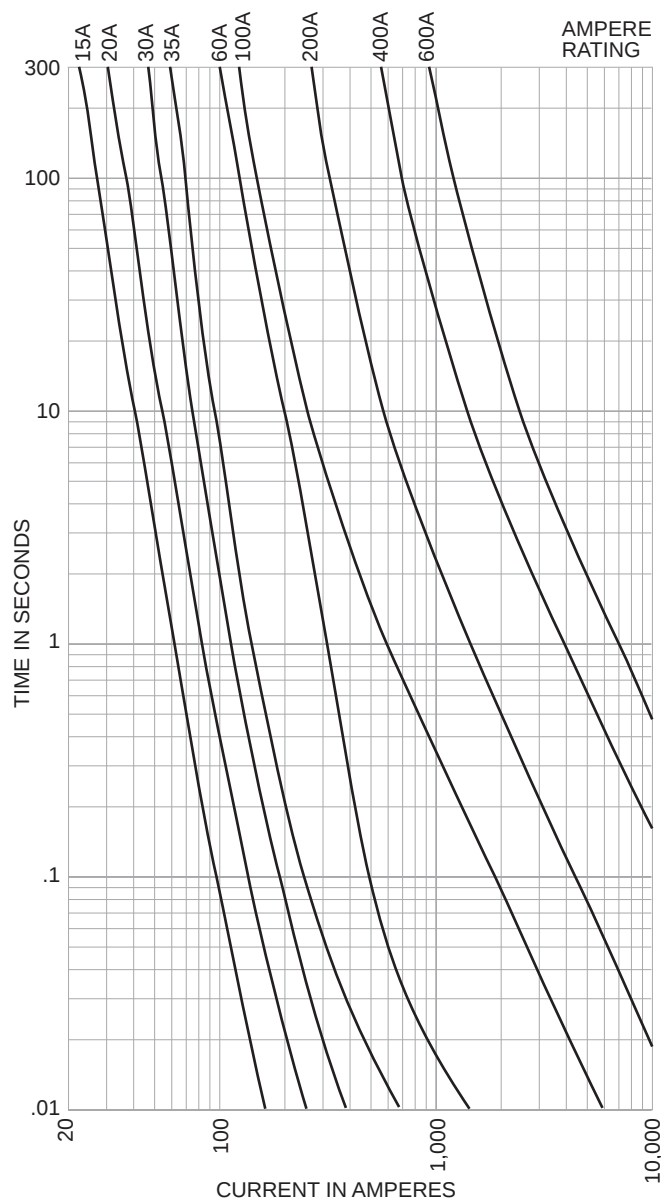
## 250 and 600 Volts, $\frac{1}{8}$ to 600 Amps

# NON and NOS

Time-Current Characteristic Curves—Average Melt

NON ONE-TIME (250 Volts AC)

NOS ONE-TIME (600 Volts AC)



The only controlled copy of this BIF document is the electronic read-only version located on the Bussmann 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. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann 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.