

## NON (250V) 1/8-600A, General Purpose Fuses



**Description:** Basic protection 250V NON Class K5 and H general purpose, non-current-limiting, one-time fuses.

**Catalog Symbol:** NON-(amp)

**Ratings:**

- Volts — 250Vac
- 125Vdc (1/8-100A)
- Amps — 1/8-600A
- IR — 50kA Vac RMS Sym. (1/8-60A)
- 10kA Vac RMS Sym. (65-600A)
- 50kA Vdc (1/8-60A)
- 10kA Vdc (65-100A)

**Agency Information:**

CE, UL Listed, Class K5 (1/8-60A), Std. 248-9, Class H (65-600A), Std. 248-6 (125Vdc 1/8-100A), UL Guide JDDZ, File E4274

CSA Certified, Class 1421-01, File 53787 (1/8-12A, 65-600A)<sup>†</sup>

<sup>†</sup> For CSA Certified 15-60A, see PON Data Sheet # 4126.

**Catalog Numbers (amps)**

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

**Carton Quantity and Weight**

| Amp Rating | Carton Qty. |
|------------|-------------|
| 1/8-30     | 10          |
| 35-60      | 10          |
| 65-100     | 5           |
| 110-200    | 1           |
| 225-400    | 1           |
| 450-600    | 1           |

**Dimensions – in**

All Diameters  $\pm$  0.008



**Features:**

- Protect lighting, heating and other circuits not subject to temporary surges and where available short-circuit currents are relatively low
- NON 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 Bussmann advanced protection FUSETRON™ FRN-R or ultimate protection Low-Peak™ LPN-RK dual-element, time-delay fuses.
- For general purpose circuits, size at amp rating of circuit
- For motor circuits, size at 300% to 400% according to the NEC® motor ampacity tables 430.247 to 430.250, per 430.6(A)(1)

**Recommended Fuse Blocks**

| Fuse Amps | 1-Pole      | 2-Pole      | 3-Pole      |
|-----------|-------------|-------------|-------------|
| 0-30      | H25030-1    | H25030-2    | H25030-3    |
| 35-60     | H25060-1    | H25060-2    | H25060-3    |
| 70-100    | HM25100-1CR | HM25100-2CR | HM25100-3CR |
| 110-200   | HM25200-1CR | HM25200-2CR | HM25200-3CR |
| 225-400   | HM25400-1CR | HM25400-2CR | HM25400-3CR |
| 450-600   | HM25600-1CR | HM25600-2CR | HM25600-3CR |

For additional information on 250 volt fuse blocks, see Data Sheet # 1112 (H250) and product brochure # 3192 (HM Series).

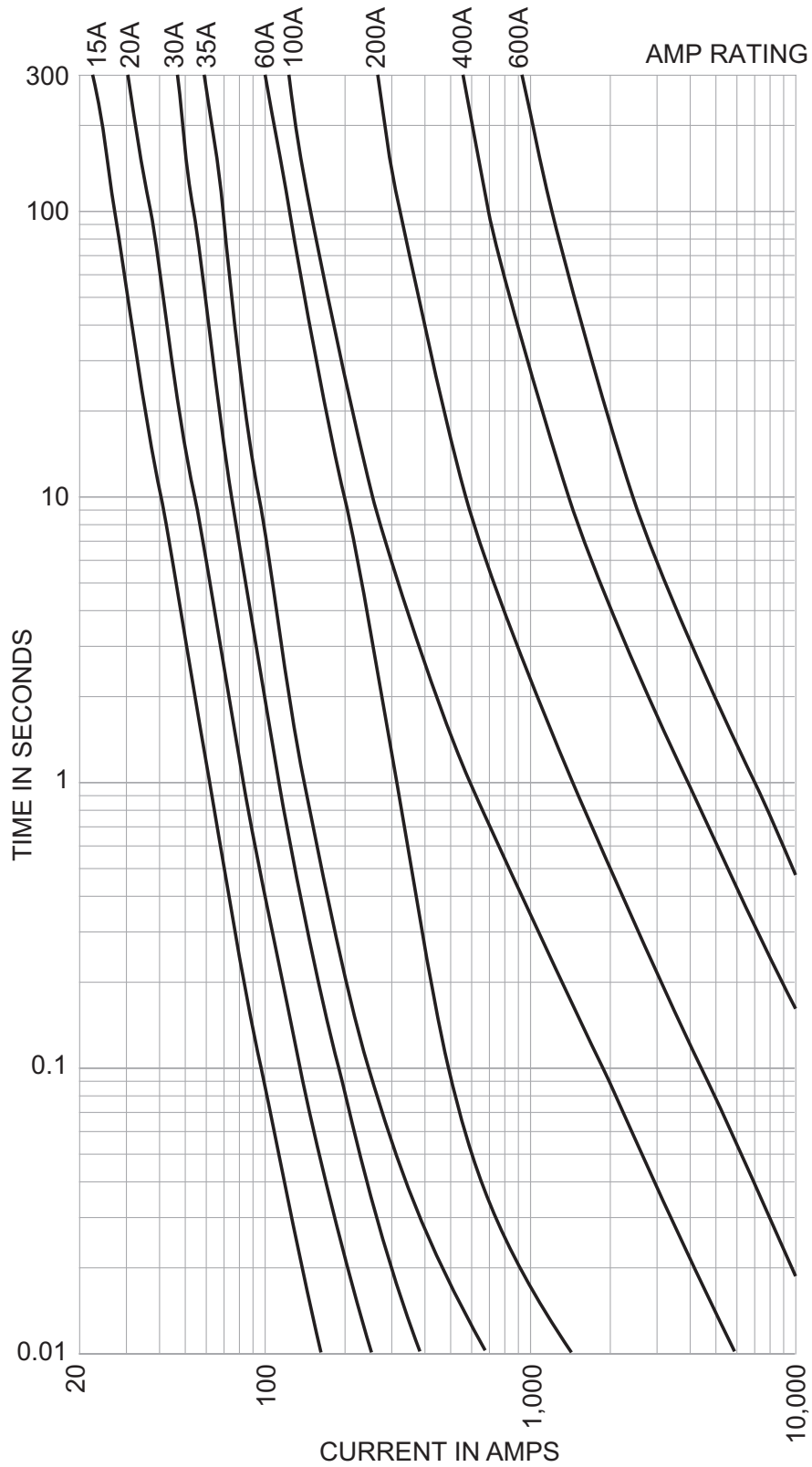
**Fuse Reducers For Class R Fuses**

| Equipment Fuse Clips | Desired Fuse (Case) Size | Catalog Numbers (Pairs) 250V |
|----------------------|--------------------------|------------------------------|
| 60A                  | 30A                      | NO.263                       |
|                      | 30A                      | NO.213                       |
| 100A                 | 60A                      | NO.216                       |
|                      | 60A                      | NO.226                       |
| 200A                 | 100A                     | NO.2621                      |
|                      | 100A                     | NO.2641                      |
| 400A                 | 200A                     | NO.2642                      |

For additional information on Class K5 & H fuse reducers, see Data Sheet # 1118.

## NON (250V) 1/8-600A, General Purpose Fuses

Time-Current Curves - Average Melt



# NON/NOS, 600/250Vac Class K5 & H



## NOS (600V), 1-600A, General Purpose Fuses



**Description:** Basic protection 600V NOS Class K5 and H general purpose, non-current-limiting, one-time fuses.

**Catalog Symbol:** NOS-(amp)

### Ratings:

- Volts — 600Vac
- Amps — 1-600A
- IR — 50kA Vac RMS Sym. (1-60A)
- 10kA Vac RMS Sym. (70-600A)

### Agency Information:

CE, UL Listed, Class K5 (1-60A), Std. 248-9,  
Class H (70-600A), Std. 248-6, UL Guide JDDZ, File E4273  
CSA Certified, Class 1421-01, File 53787

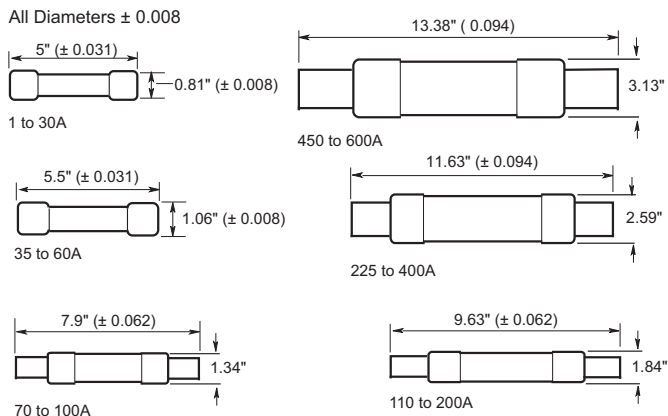
### Catalog Numbers (amps)

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

### NOS 600V Carton Quantity and Weight

| Amp Rating | Carton Qty. |
|------------|-------------|
| 1-30       | 10          |
| 35-60      | 10          |
| 70-100     | 5           |
| 110-200    | 1           |
| 225-400    | 1           |
| 450-600    | 1           |

### Dimensions – in



### Features:

- Protect lighting, heating and other circuits not subject to temporary surges and where available short-circuit currents are relatively low
- NOS 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 Bussmann advanced protection FUSETRON™ LPS-R or ultimate protection Low-Peak™ LPS-RK dual-element, time-delay fuses.
- For general purpose circuits, size at amp rating of circuit
- For motor circuits, size at 300% to 400% according to the NEC® motor ampacity tables 430.247 to 430.250, per 430.6(A)(1)

### Recommended Fuse Blocks

| Fuse Amps | 1-Pole      | 2-Pole      | 3-Pole      |
|-----------|-------------|-------------|-------------|
| 0-30      | H60030-1    | H60030-2    | H60030-3    |
| 35-60     | H60060-1    | H60060-2    | H60060-3    |
| 70-100    | HM60100-1CR | HM60100-2CR | HM60100-3CR |
| 110-200   | HM60200-1CR | HM60200-2CR | HM60200-3CR |
| 225-400   | HM60400-1CR | HM60400-2CR | HM60400-3CR |
| 450-600   | HM60600-1CR | HM60600-2CR | HM60600-3CR |

For additional information on 600 volt fuse blocks, see Data Sheet # 1112 (H) and product brochure # 3192 (HM Series).

### Fuse Reducers For Class R Fuses

| Equipment Fuse Clips | Desired Fuse (Case) Size | Catalog Numbers (Pairs) 250V |
|----------------------|--------------------------|------------------------------|
| 60A                  | 30A                      | NO.663                       |
| 100A                 | 30A                      | NO.216                       |
|                      | 60A                      | NO.616                       |
| 200A                 | 60A                      | NO.626                       |
| 200A                 | 100A                     | NO.2621                      |
| 400A                 | 100A                     | NO.2641                      |
|                      | 200A                     | NO.2642                      |

For additional information on Class R fuse reducers, see Data Sheet # 1118.

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

## NOS (600V), 1-600A, General Purpose Fuses

### Time-Current Curves - Average Melt



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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Eaton:](#)

[NON-3](#) [NON-40](#) [NON-50](#) [NON-100](#) [NON-1/2](#) [NOS-60](#) [NON-10](#) [NOS-20](#) [NON-150](#) [NON-200](#)