

## 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 1/4 | NON-6 1/4           | NON-35 | NON-100 | NON-400 |
| NON-1 1/2 | NON-7               | NON-40 | NON-110 | NON-450 |
| NON-1 3/4 | NON-8               | NON-45 | NON-125 | NON-500 |
| NON-2     | NON-9               | NON-50 | NON-150 | NON-600 |
| NON-2 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.

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

### Time-Current Curves - Average Melt



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