

## 250 V NON/600 V NOS Class K5 and H fuses



### Description

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

### Catalog symbol

- NON-(amp)

### Ratings

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

### Agency information

- UL Listed, Class K5 (1/8-60 A), Std. 248-9, Class H (65-600 A), Std. 248-6 (125 Vdc 1/8-100 A), UL Guide JDDZ, File E4273
- CSA Certified, Class 1421-01, File 53787 (1/8-12 A, 65-600 A)†
- CE

† For CSA Certified 15-60 A, see PON data sheet no. 4126.

### Catalog numbers (amps)

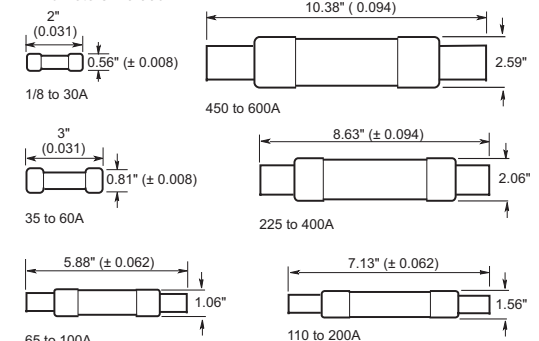
|            |            |        |         |         |
|------------|------------|--------|---------|---------|
| NON-1/8    | NON-3      | NON-12 | NON-65  | NON-200 |
| NON-1/2    | NON-3-2/10 | NON-15 | NON-70  | NON-225 |
| NON-3/4    | NON-4      | NON-20 | NON-75  | NON-250 |
| NON-8/10   | NON-5      | 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-1-6/10 | 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

| Amps    | Qty. |
|---------|------|
| 1/8-60  | 10   |
| 65-100  | 5    |
| 110-600 | 1    |

### Dimensions – in

All Diameters ± 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 timedelay and thus should not be specified in circuits where large transients or motor overloads occur. Use Bussmann series 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

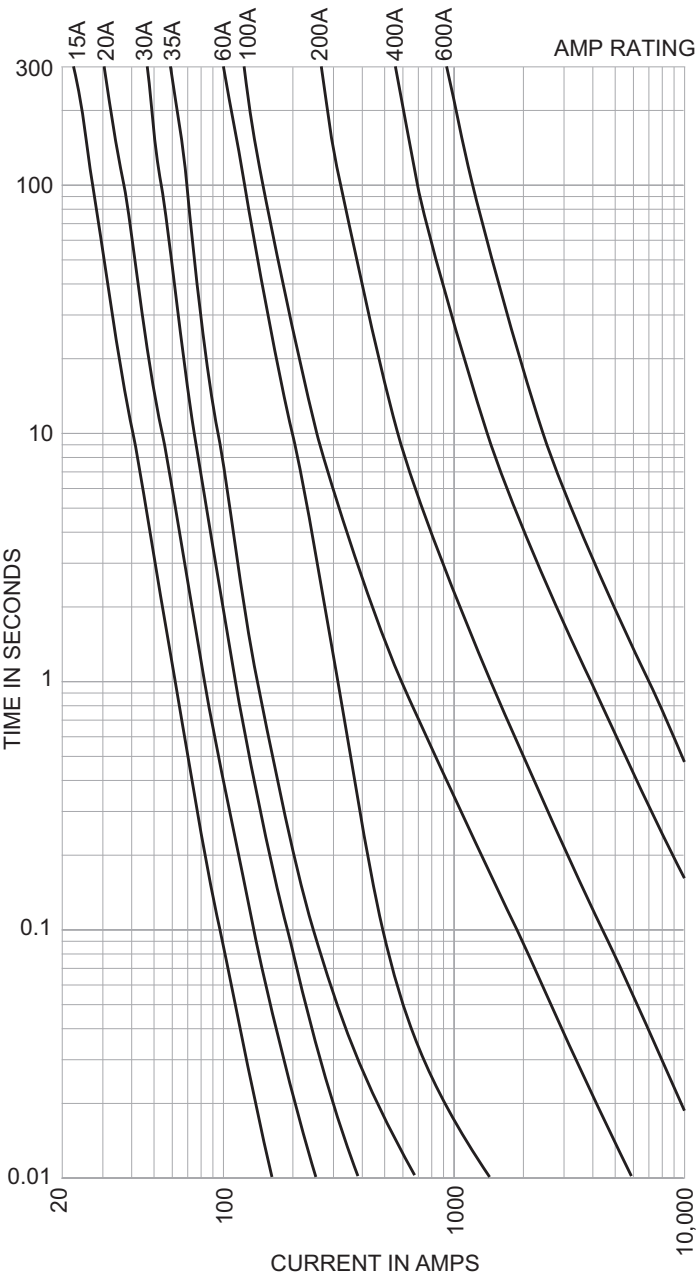
- 1-, 2- and 3-pole modular fuse blocks up to 600 amps — see data sheet no. 10487
- 1-, 2- and 3-pole modular power distribution fuse blocks up to 60 amps — see data sheet no. 10490

Fuse reducers for Class R fuses

| Equipment fuse clips | Desired fuse (case) size | Catalog no. (pairs) 250V |
|----------------------|--------------------------|--------------------------|
| 60 A                 | 30 A                     | NO.263                   |
| 100 A                | 30 A                     | NO.213                   |
|                      | 60 A                     | NO.216                   |
| 200 A                | 60 A                     | NO.226                   |
|                      | 100 A                    | NO.2621                  |
| 400 A                | 100 A                    | NO.2641†                 |
|                      | 200 A                    | NO.2642                  |
|                      | 100 A                    | NO.2661†                 |
| 600 A                | 200 A                    | NO.2662†                 |
|                      | 400 A                    | NO.2664†                 |

† Not CSA certified.  
For additional information on Class K5 & H fuse reducers, see data sheet no. 1118.

NON time-current curves — average melt





### Description

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

### Catalog symbol

- NOS-(amp)

### Ratings

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

### Agency information

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

### Catalog Numbers (amps)

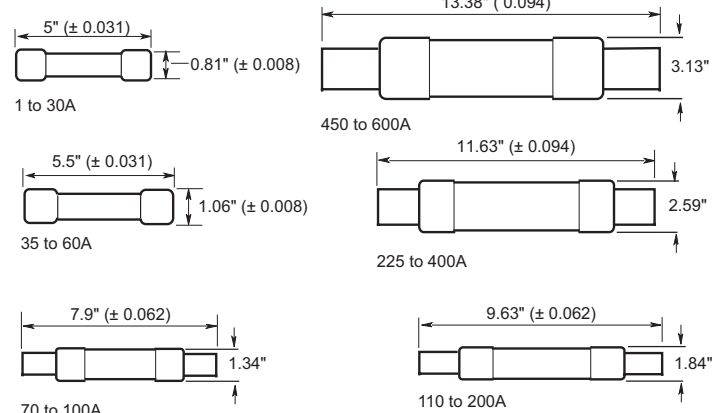
|       |        |        |         |         |
|-------|--------|--------|---------|---------|
| NOS-1 | NOS-9  | NOS-40 | NOS-100 | NOS-300 |
| NOS-2 | NOS-10 | NOS-45 | NOS-110 | NOS-350 |
| NOS-3 | NOS-12 | NOS-50 | NOS-125 | NOS-400 |
| NOS-4 | NOS-15 | NOS-60 | NOS-150 | NOS-450 |
| NOS-5 | NOS-20 | 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 |         |

### Carton Quantity

| Amps    | Qty. |
|---------|------|
| 1-60    | 10   |
| 70-100  | 5    |
| 110-600 | 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
- NOS one-time fuses do not have any appreciable degree of timedelay and thus should not be specified in circuits where large transients or motor overloads occur. Use Busmann series advanced protection FUSETRON FRS-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

- 1-, 2- and 3-pole modular fuse blocks up to 600 amps — see data sheet no. 10487
- 1-, 2- and 3-pole modular power distribution fuse blocks up to 60 amps — see data sheet no. 10490

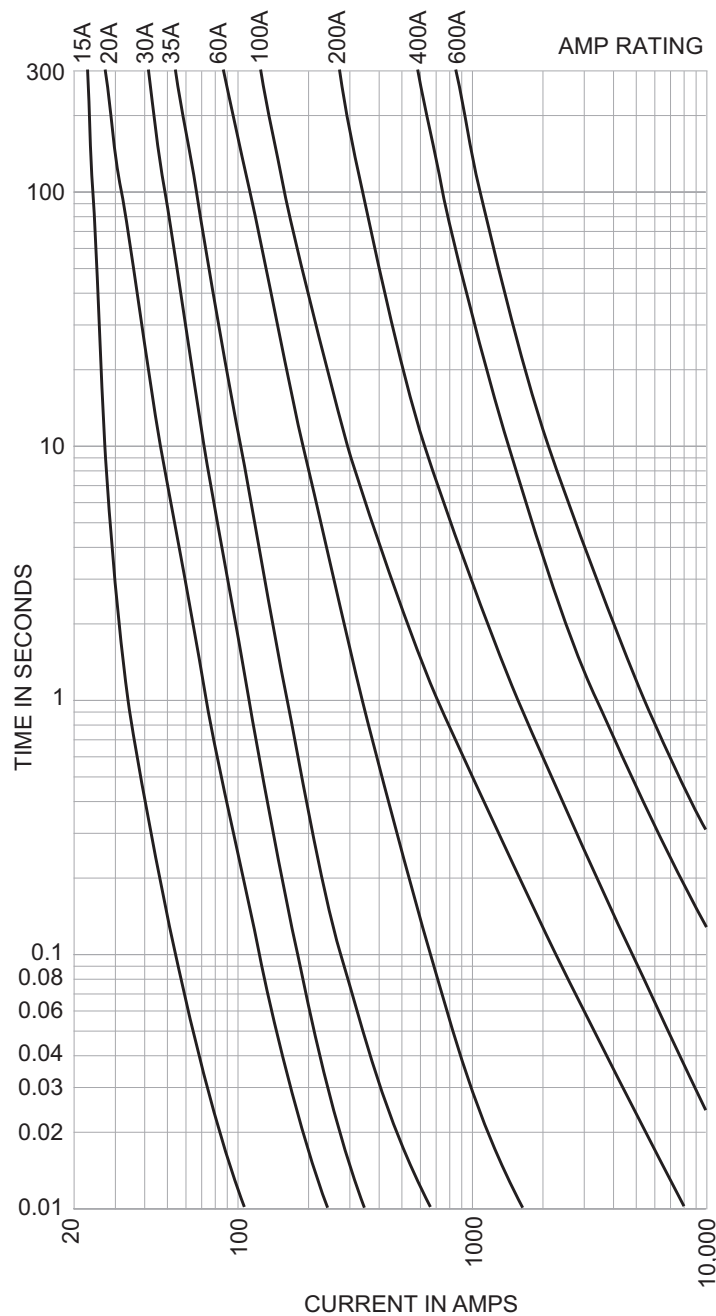
### Fuse reducers for Class R fuses

| Equipment fuse clips | Desired fuse (case) size | Catalog no. (pairs) 600V |
|----------------------|--------------------------|--------------------------|
| 60 A                 | 30 A                     | NO.663                   |
| 100 A                | 30 A                     | NO.216                   |
|                      | 60 A                     | NO.616                   |
| 200 A                | 60 A                     | NO.626                   |
|                      | 100 A                    | NO.2621                  |
| 400 A                | 100 A                    | NO.2641†                 |
|                      | 200 A                    | NO.2642                  |
|                      | 100 A                    | NO.2661†                 |
| 600 A                | 200 A                    | NO.2662†                 |
|                      | 400 A                    | NO.2664†                 |

† Not CSA certified.

For additional information on Class R fuse reducers, see data sheet no 1118.

NOS time-current curves — average melt



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