

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)[†]

[†] 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 ³ / ₁₀ | 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 ± 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 |
| 100A | 30A | NO.213 |
| | 60A | NO.216 |
| 200A | 60A | NO.226 |
| 200A | 100A | NO.2621 |
| 400A | 100A | NO.2641 |
| | 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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