

# FNM 13/32" x 1-1/2" 250Vac time-delay supplemental fuses



250Vac  
1/10 to 30A

## Catalog symbol / color code:

- FNM
- Green (250Vac max)

## Description:

Time-delay supplemental fuse.

For superior protection, Eaton recommends upgrading to Bussmann series Low-Peak™ Class CC fuses. See data sheet No. 1023.

## Specifications:

### Ratings

| Fuse<br>amp<br>range | Interrupting rating at<br>system voltage |        | Agency<br>information |      |
|----------------------|------------------------------------------|--------|-----------------------|------|
|                      | 250Vac                                   | 125Vac | UL®                   | CSA® |
| 1/10 to 1            | 35A                                      | 10kA   | X                     | X    |
| 1-1/8 to 3-1/2       | 100A                                     | 10kA   | X                     | X    |
| 4 to 10              | 200A                                     | 10kA   | X                     | X    |
| 12 to 30             | 10kA                                     | –      | X                     | X    |

### Agency information

- CE
- UL Listed, Std. 248-14, Guide JDYX; File E19180
- CSA Certified, Class 1422-01, File 53787
- RoHS compliant

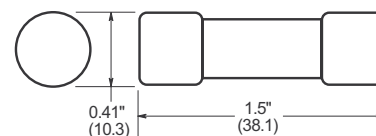
### Catalog numbers (amps)

|            |            |            |           |
|------------|------------|------------|-----------|
| FNM-1/10   | FNM-8/10   | FNM-2-1/2  | FNM-6-1/4 |
| FNM-1/8    | FNM-1      | FNM-2-8/10 | FNM-7     |
| FNM-15/100 | FNM-1-1/8  | FNM-3      | FNM-8     |
| FNM-2/10   | FNM-1-1/4  | FNM-3-2/10 | FNM-9     |
| FNM-1/4    | FNM-1-4/10 | FNM-3-1/2  | FNM-10    |
| FNM-3/10   | FNM-1-1/2  | FNM-4      | FNM-12    |
| FNM-4/10   | FNM-1-6/10 | FNM-4-1/2  | FNM-15    |
| FNM-1/2    | FNM-1-8/10 | FNM-5      | FNM-20    |
| FNM-6/10   | FNM-2      | FNM-5-6/10 | FNM-25    |
| FNM-3/4    | FNM-2-1/4  | FNM-6      | FNM-30    |

### Carton quantity

| Amps       | Qty. |
|------------|------|
| 1/10 to 30 | 10   |

## Dimensions - in (mm):



## Features

- Color coded green for 250Vac maximum voltage rating
- Melamine tube construction
- Nickel-plated endcaps

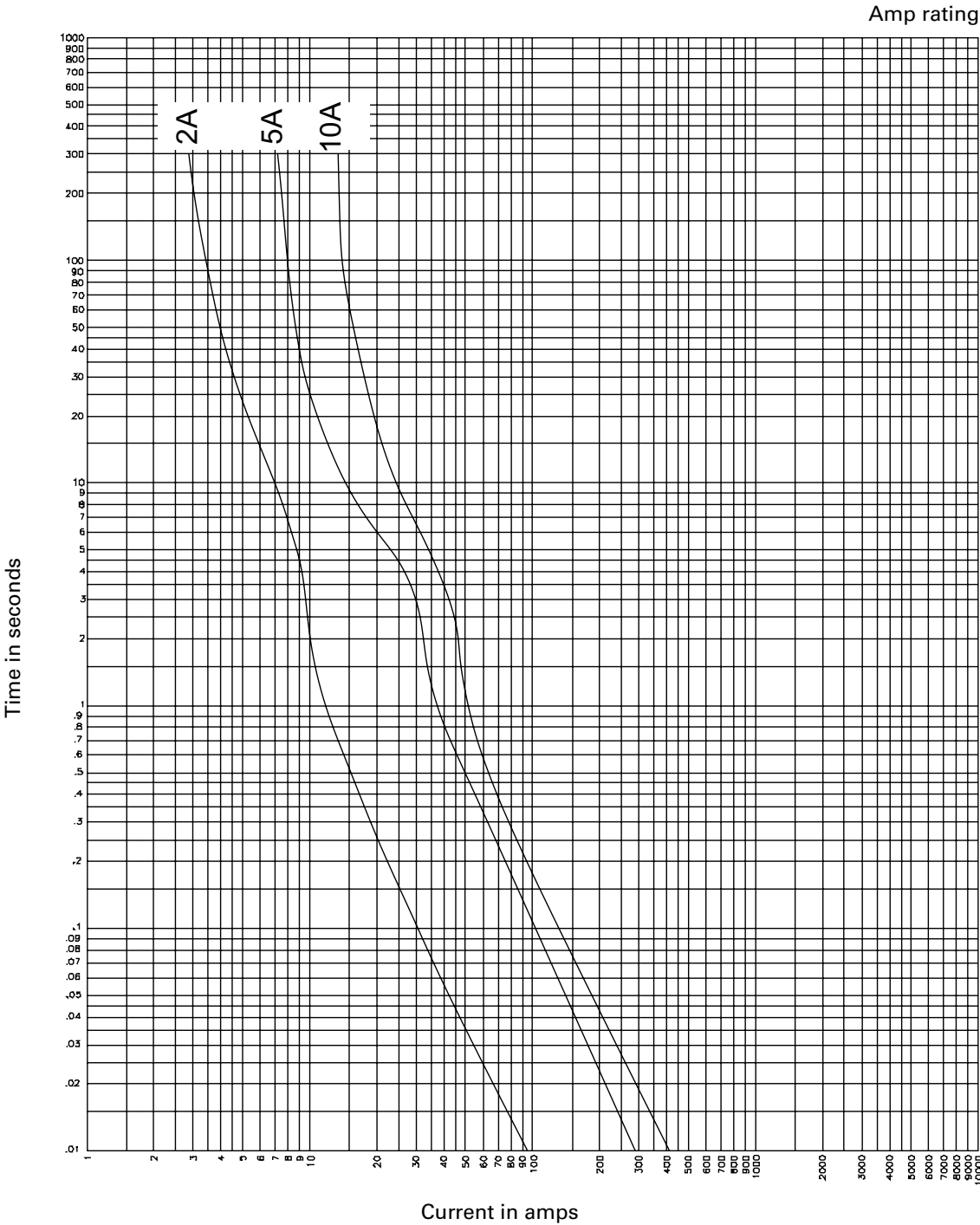
## Typical applications

- Circuits with high inrush currents (motor/transformer loads)
- Supplemental protection for inductive circuits up to 250Vac.

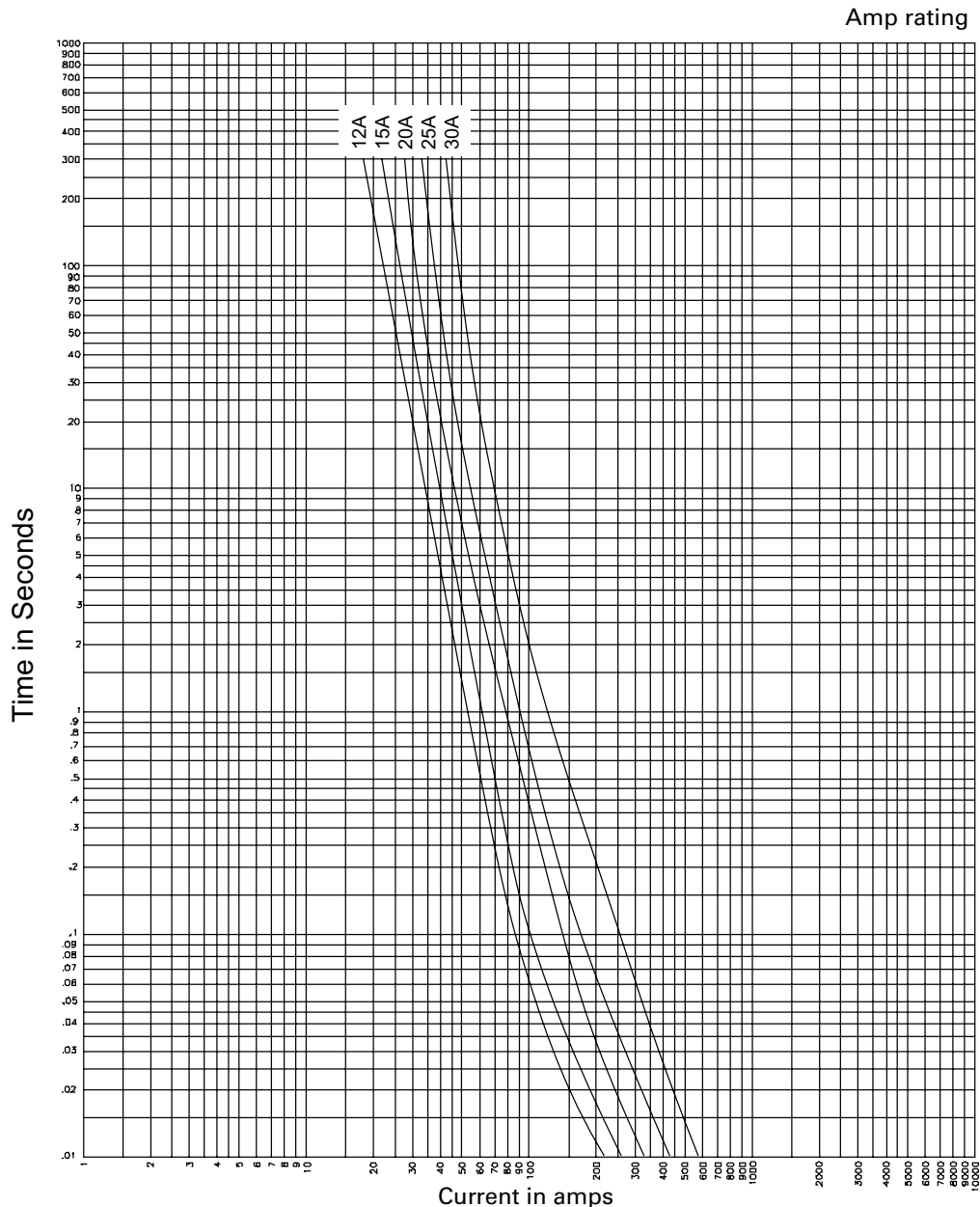
## Recommended fuse blocks/fuse holders

| Catalog<br>symbol                  | Description<br>Blocks                                 | Data sheet<br>No. |
|------------------------------------|-------------------------------------------------------|-------------------|
| BMM                                | 1-, 2- and 3-pole modular blocks with optional covers | 10235             |
| <b>DIN-Rail holders / switches</b> |                                                       |                   |
| CCP_-30M                           | 1-, 2- and 3-pole switch                              | 1157              |
| CHM                                | 1-, 2- and 3-pole                                     | 3185              |
| Optima NG                          | 3-pole protection module                              | 1109              |
| Optima                             | 3-pole holder                                         | 1102              |
| Optima                             | 3-pole holder + switch                                | 1103              |
| <b>Panel mount holders</b>         |                                                       |                   |
| HPM and HPM-D                      | 1-pole holder                                         | 2112              |
| HPC-D                              | 1-pole holder                                         | 2109              |
| HPS2                               | 2-pole holder                                         | 2140              |
| HPF, HPF-C and HPF-WT              | 1-pole holder                                         | 2114              |
| HPS                                | 1-pole holder                                         | 2113              |
| HPG and HPD                        | 1-pole holder                                         | 2108              |
| <b>In-line holders</b>             |                                                       |                   |
| HEB                                | 1-pole holder                                         | 2127              |
| HEX                                | 2-pole holder                                         | 2126              |
| <b>Fuseclips</b>                   |                                                       |                   |
| 1A3400, 5956 and 5960              | PCB fuseclips                                         | 2132              |
| <b>Fuse covers</b>                 |                                                       |                   |
| CVR(I)-CCM(-QC)                    | Finger-safe fuse cover                                | 10235             |

Time-current characteristic curves – total clearing:



**Time-current characteristic curves – average melt:**



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