

KLM Series

13/32" x 1-1/2" 600Vac/dc Fast-acting supplemental fuses



600Vac/dc
1 to 30A

Description

Fast-acting supplemental fuse.

For superior protection, Bussmann recommends upgrading to Low-Peak Class CC fuses. See data sheet # 1023.

For protecting DC photovoltaic systems, Bussmann recommends using PVM 10x30mm PV fuses. See data sheet # 10121.

Catalog symbol / color code

- KLM - Black (600Vac/dc maximum voltage)

Ratings

| Fuse Amp Range | Interrupting Rating at Rated Voltage | | Agency Information | |
|----------------------|---|------------|-----------------------|-----|
| | 600 Vac | 600 Vdc | UL | CSA |
| 1/10 to 30 | 100kA | 50kA | X | X |

Electrical characteristics

| % of Amp Rating | Opening Time |
|-----------------|------------------------|
| 110% | 4 Hours minimum |
| 135% | AC Opens within 1 hour |

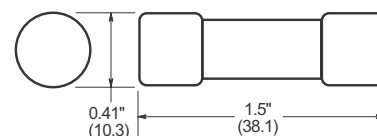
Agency information

- CE, RoHS compliant
- UL Listed: Std. 248-14, Guide JDYX, File E19180
- CSA Certified, C22.2 No. 248. 14, Class 1422-01, File 53787

Catalog numbers (amps)

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

Dimensions - in (mm)



Carton quantity

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

Features

- Color coded for 600Vac/dc
- A full range DC supplemental fuse
- Melamine tube construction
- Nickel-plated brass endcaps.

Typical applications

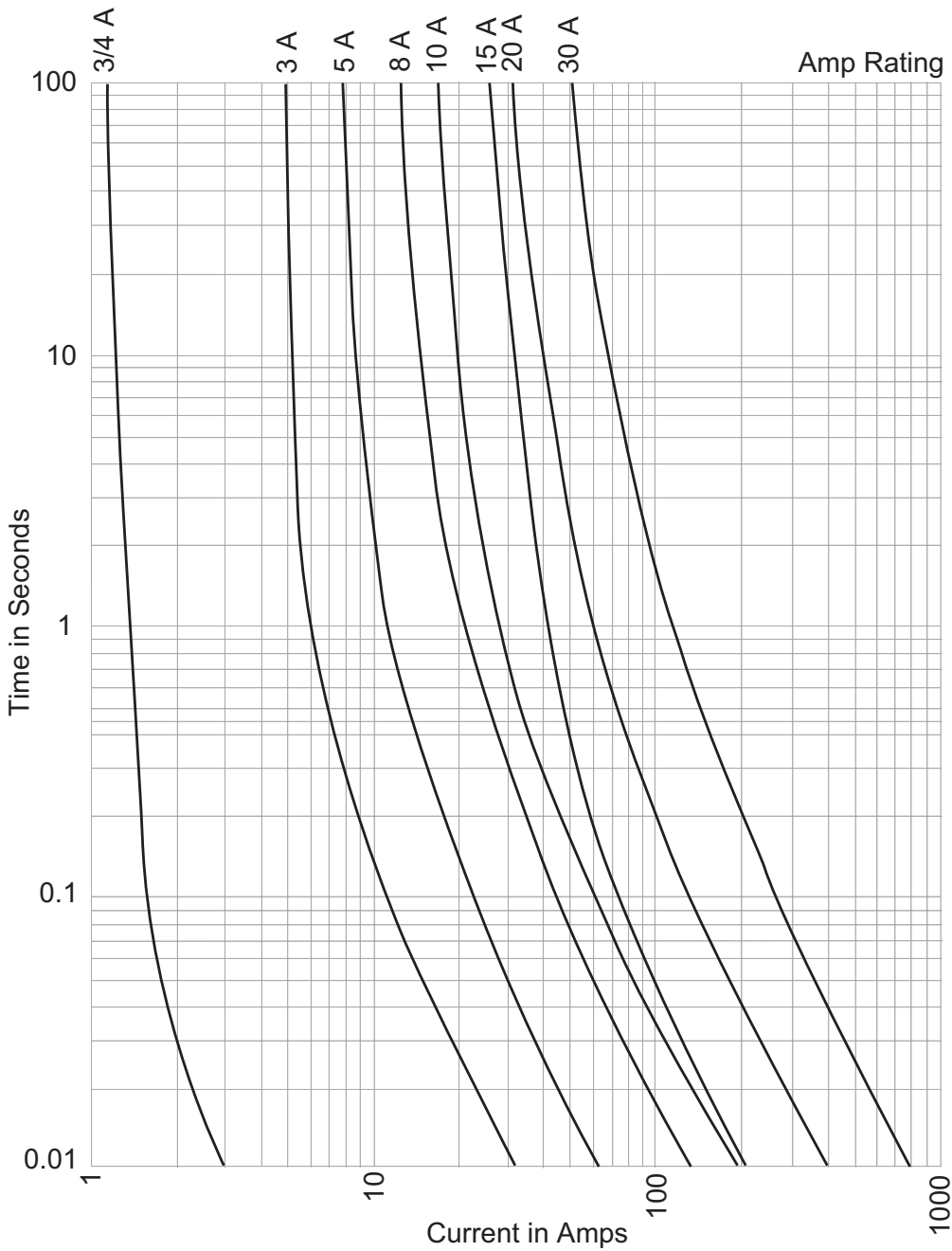
- DC Control circuits requiring fast-acting fuses
- PV systems up to 600Vdc

Recommended fuse blocks/fuse holders

| Series | Description | Data Sheet # |
|------------------------------------|---|--------------|
| Blocks | | |
| BMM Series | 1-, 2- & 3-Pole modular blocks with optional covers | 10235 |
| BM Series | 1-, 2- & 3-Pole blocks | 1104 |
| DIN-Rail Holders / Switches | | |
| CCP-30M | 1-, 2- & 3-Pole switch | 1157 |
| CHM Series | 1-, 2- & 3-Pole | 3185 |
| Optima NG | 3-Pole protection module | 1109 |
| Optima | 3-Pole holder | 1102 |
| Optima | 3-Pole holder + switch | 1103 |
| Panel Mount Holders | | |
| HPM & HPM-D | 1-Pole holder | 2112 |
| HPC-D | 1-Pole holder | 2109 |
| HPS2 | 2-Pole holder | 2140 |
| HPF, HPF-C & HPF-WT | 1-Pole holder | 2114 |
| HPS | 1-Pole holder | 2113 |
| HPG & HPD | 1-Pole holder | 2108 |
| In-line Holders | | |
| HEB | 1-Pole holder | 2127 |
| HEX | 2-Pole holder | 2126 |
| Fuseclips | | |
| 1A3400, 5956 & 5960 Series | PCB Fuseclips | 2132 |
| Fuse Covers | | |
| SAMI-7 | Finger-safe fuse cover | 1204 |

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Time-current characteristic curves – total clearing



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