

SAMI Indicating Fuse Covers

SAMI



Catalog Symbol: SAMI Series

For Class J, R, H, K5, CC, G and Midget type fuses.

Ampere Rating: 0 to 100 Amps

Voltage Rating:

Non-Indicating - 0 to 600 Volt AC/DC

Indicating - 90 to 600 Volt AC

- 115 to 600 Volt DC

Agency Approvals:

All UL Listed, except SAMI-7I and SAMI 7N are UL Recognized.

CSA Certified, Class 6225-01, File LR47235

Material: Black thermoplastic with a flammability rating of

UL 94-V2

General Information:

- Innovative design, covers exposed terminals and contacts of Bussmann fuseblocks.
- Fits most competitive fuseblocks.
- Buss yellow light on indicating SAMI shows when the fuse is open – helps trouble shoot the system and reduces downtime.
- All versions are reusable – no need to pay for indication every time a fuse opens.
- Indication contacts have teeth to break oxidation layer on the existing fuse endcap to provide a clear signal path.
- Less than .6mA leakage current at 600 volt.
- Visual marking of line and load side.
- SAMI cover ends can easily be cut away if necessary to fit cover over existing wiring or to fit most safety switches.
- Dead-front construction provides added protection against accidental contact by maintenance personnel.
- Labels are provided with the SAMI fuse cover for writing in circuit or fuse information.
- One cover is required for each pole.
- SAMI-8_ fusecover includes adapter for use with short body Class R fuses. Adapter available separately as part number SAMI-8A.

Dimensional Data (inches)

All dimensions (± .020)

| Catalog Number* | Description | A | B | C |
|-----------------|---------------------------------------------|-------|------|------|
| SAMI-1_ | 600V, J (0-30A) and 250V, R, K5, H (35-60A) | 5.02 | 1.03 | 1.94 |
| SAMI-2_ | 600V, R, K5, H (0-30A) | 7.03 | 1.30 | 2.07 |
| SAMI-3_ | 600V, J (65-100A) | 7.03 | 1.30 | 2.33 |
| SAMI-4_ | 250V, R, K5, H (65-100A) | 8.20 | 1.30 | 2.18 |
| SAMI-5_ | 600V, R, K5, H (35-60A) | 8.20 | 1.30 | 2.18 |
| SAMI-6_ | 600V, J (35-60A) | 4.98 | 1.17 | 2.14 |
| SAMI-7_ | 600V, Midget, Class CC | 3.82 | 0.75 | 1.72 |
| SAMI-8_ | 600V, R, H (65-100A) | 10.38 | 1.50 | 2.33 |
| SAMI-9_ | 250V, R, K5, H (0-30A) and 600V, T (0-30A) | 3.82 | 0.75 | 1.72 |

*Catalog Numbers

For Indicating cover, add suffix **I**.

For Non-indicating cover, add suffix **N**.

Example: SAMI-7I = Indicating

SAMI-7N = Non-indicating

Indicating feature requires a minimum of 90 VAC or 115 VDC to illuminate lamp.

For fuse and fuseblock applications, see page 2.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000 VAC, 75-1500 VDC). Refer to BIF document #8002 or contact Bussmann Application Engineering at 314-527-1270 for more information.

WARNING: To avoid electrical shock, turn power off before installing, removing or servicing.

SAMI

Indicating Fuse Covers

SAMI

Bussmann Fuses / SAMI Catalog Number*

| | | | | | | | |
|----------------|---------|----------------|---------|-------------------|---------|--------------|---------|
| AGU 0 - 30 | SAMI-7_ | FRS-R 65 - 100 | SAMI-8_ | KWN-R 35 - 60 | SAMI-1_ | MIN 0 - 15 | SAMI-7_ |
| BAF 0 - 30 | SAMI-7_ | JJS 0 - 30 | SAMI-9_ | KWN-R 65 - 100 | SAMI-4_ | NON 0 - 30 | SAMI-9_ |
| BAN 0 - 30 | SAMI-7_ | JKS 0 - 30 | SAMI-1_ | KWS-R 0 - 30 | SAMI-2_ | NON 35 - 60 | SAMI-1_ |
| BBS 0 - 30 | SAMI-7_ | JKS 35 - 60 | SAMI-6_ | KWS-R 35 - 60 | SAMI-5_ | NON 65 - 100 | SAMI-4_ |
| CGL 0 - 60 | SAMI-1_ | JKS 65 - 100 | SAMI-3_ | LP-CC 0 - 30 | SAMI-7_ | NOS 0 - 30 | SAMI-2_ |
| FNA 0 - 30 | SAMI-7_ | KLM 0 - 30 | SAMI-7_ | LPJ 0 - 30 | SAMI-1_ | NOS 35 - 60 | SAMI-5_ |
| FNM 0 - 30 | SAMI-7_ | KTK 0 - 50 | SAMI-7_ | LPJ 35 - 60 | SAMI-6_ | NOS 65 - 100 | SAMI-8_ |
| FNQ 0 - 30 | SAMI-7_ | KTK-R 0 - 30 | SAMI-7_ | LPJ 65 - 100 | SAMI-3_ | REN 0 - 30 | SAMI-9_ |
| FNQ-R 0 - 10 | SAMI-7_ | KTN-R 0 - 30 | SAMI-9_ | LPN-RK 0 - 30SP | SAMI-9_ | REN 35 - 60 | SAMI-1_ |
| FNW 12 - 30 | SAMI-7_ | KTN-R 35 - 60 | SAMI-1_ | LPN-RK 35 - 60SP | SAMI-1_ | REN 65 - 100 | SAMI-4_ |
| FRN-R 0 - 30 | SAMI-9_ | KTN-R 65 - 100 | SAMI-4_ | LPN-RK 65 - 100SP | SAMI-4_ | RES 0 - 30 | SAMI-2_ |
| FRN-R 35 - 60A | SAMI-1_ | KTS-R 0 - 30 | SAMI-2_ | LPS-RK 0 - 30SP | SAMI-2_ | RES 35 - 60 | SAMI-5_ |
| FRN-R 65 - 100 | SAMI-4_ | KTS-R 35 - 60 | SAMI-5_ | LPS-RK 35 - 60SP | SAMI-5_ | RES 65 - 100 | SAMI-8_ |
| FRS-R 0 - 30 | SAMI-2_ | KTO 0 - 6 | SAMI-7_ | LPS-RK 65 - 100SP | SAMI-8_ | SC 0 - 30 | SAMI-7_ |
| FRS-R 35 - 60 | SAMI-5_ | KWN-R 0 - 30 | SAMI-9_ | MIC 0 - 15 | SAMI-7_ | | |

Fuseblocks / SAMI Catalog Number*

| | | | |
|-----------------|---------|--------|---------|
| BC Series | SAMI-7_ | R60030 | SAMI-2_ |
| BG Series | SAMI-7_ | R60060 | SAMI-5_ |
| BM Series | SAMI-7_ | R60100 | SAMI-8_ |
| H25030 | SAMI-9_ | T60030 | SAMI-9_ |
| H25060 | SAMI-1_ | | |
| H25100 | SAMI-4_ | | |
| H60030 | SAMI-2_ | | |
| H60060 | SAMI-5_ | | |
| H60100 | SAMI-8_ | | |
| J60030, JP60030 | SAMI-1_ | | |
| J60060 | SAMI-6_ | | |
| J60100 | SAMI-3_ | | |
| R25030 | SAMI-9_ | | |
| R25060 | SAMI-1_ | | |
| R25100 | SAMI-4_ | | |

Data Sheets for Safety Switch Applications available on Bussmann Information FAX (BIF) 314-527-1450.

| Catalog No. | BIF Doc# | Catalog No. | BIF Doc# |
|-------------|----------|-------------|----------|
| SAMI-1 | 12041 | SAMI-5 | 12045 |
| SAMI-2 | 12042 | SAMI-6 | 12046 |
| SAMI-3 | 12043 | SAMI-8 | 12048 |
| SAMI-4 | 12044 | SAMI-9 | 12049 |

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