

## SC Class G general purpose fuses

Fast-acting (1/2-6 A) and time-delay (7-60 A) Class G fuses. SC fuses are size rejecting measuring 13/32" in diameter by various lengths associated with their amp rating ranging from 1-5/16" to 2-1/4". This feature helps prevent overfusing. See the catalog numbers table for length by amp rating.

### Ratings

- Volts
  - 600 Vac (1/2-20 A)
  - 480 Vac (25-60 A)
  - 170 Vdc (1/2-20 A)
  - 300 Vdc (25-60 A)
- Amps 1/2-60 A
- IR
  - 100 kA RMS Sym.
  - 10 kA DC



### Agency information

- UL Listed Std 248-5, Class G, Guide JDDZ, File E4273, CSA Certified, Class 1422-01, File 53787, RoHS compliant, CE

### Features

- Class G current limiting for component and branch circuit protection
- 100 kA interrupting rating provides cost-effective branch circuit fusing for systems with high short-circuit current levels
- Rejection feature with variations in length helps prevent overfusing

### Typical applications

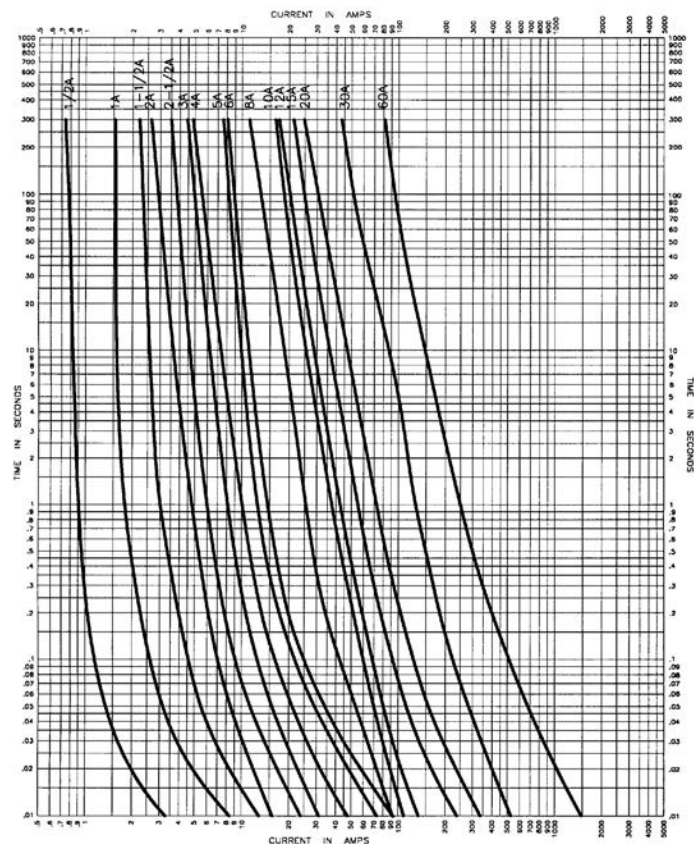
- Fusible branch circuit panelboards
- HVAC branch circuit protection

#### Catalog no. (amps) and length

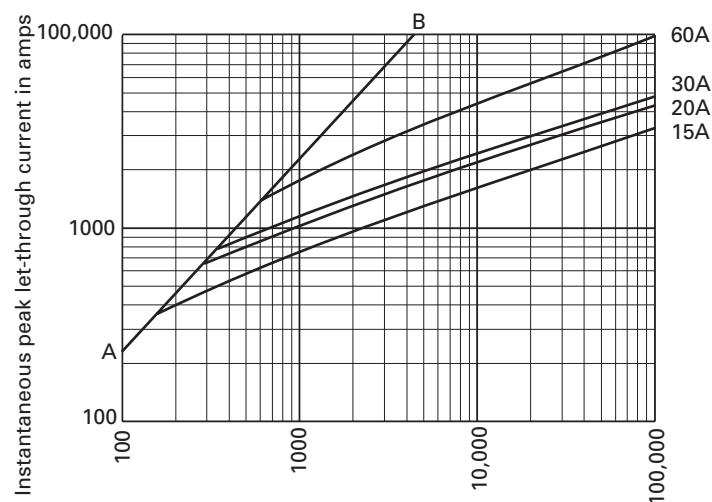
| 1-5/16"  | 1-13/32" | 1-5/8" | 2-1/4" |
|----------|----------|--------|--------|
| SC-1/2   | SC-20    | SC-25  | SC-35  |
| SC-1     |          | SC-30  | SC-40  |
| SC-1-1/2 |          |        | SC-45  |
| SC-2     |          |        | SC-50  |
| SC-2-1/2 |          |        | SC-60  |
| SC-3     |          |        |        |
| SC-4     |          |        |        |
| SC-5     |          |        |        |
| SC-6     |          |        |        |
| SC-7     |          |        |        |
| SC-8     |          |        |        |
| SC-10    |          |        |        |
| SC-12    |          |        |        |
| SC-15    |          |        |        |

Recommended holders and blocks for Class G fuses, see page 1-2.

### Time-current characteristics — average melt



### Current limitation curves



Prospective short-circuit current (Symmetrical RMS Amps)  
A-B = Asymmetrical available peak (2.3 x Sym. RMS Amps)