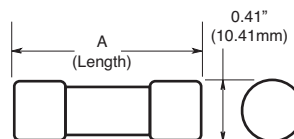


SC – 600Vac/480Vac, ½-60A Size Rejecting Fuses



Dimensions - in



Description: Basic protection Class G size-rejecting, current limiting fuses. ½ to 6A Fast-acting, 7 to 60A time-delay. Time-delay – 12 seconds (minimum) at 200% of rated current.

Catalog Symbol: SC-(amp)

Ratings:

- Volts – 600Vac/170Vdc (½-20A)
- 480Vac/300Vdc (25-60A)
- Amps – ½-60A
- IR – 100kA Vac RMS Sym.
- 10kA Vdc

Agency Information:

CE, UL Listed, Std. 248-5, Class G, Guide JDDZ, File E4273
 CSA Certified, C22.2 No. 248.5, Class 1422-01, File 53787

Catalog Numbers (amps)

| | | |
|-------|-------|-------|
| SC-½ | SC-6 | SC-30 |
| SC-1 | SC-7 | SC-35 |
| SC-1½ | SC-8 | SC-40 |
| SC-2 | SC-10 | SC-45 |
| SC-2½ | SC-12 | SC-50 |
| SC-3 | SC-15 | SC-60 |
| SC-4 | SC-20 | |
| SC-5 | SC-25 | |

Carton Quantity and Weight

| Amp Rating | Carton Qty. |
|------------|-------------|
| ½-15 | 4 |
| 20 | 4 |
| 25-30 | 2 |
| 35-60 | 2 |

| Amp Rating | A |
|------------|-------------|
| ½-15 | 1.31 (33.3) |
| 20 | 1.41 (35.8) |
| 25 to 30 | 1.62 (41.1) |
| 35 to 60 | 2.25 (57.1) |

Features:

- Compact branch-circuit units with high interrupting rating and current-limitation
- With up to a 600V rating, they can be used in 120/208V, 120/240V and 277/480V circuits
- Size rejection by length helps prevent overfusing
- In general, SC fuses are about ½ the size of the 600V NEC® fuse type
- SC fuses 7 amps and above have a degree of overload time-delay which permits them to pass temporary overloads

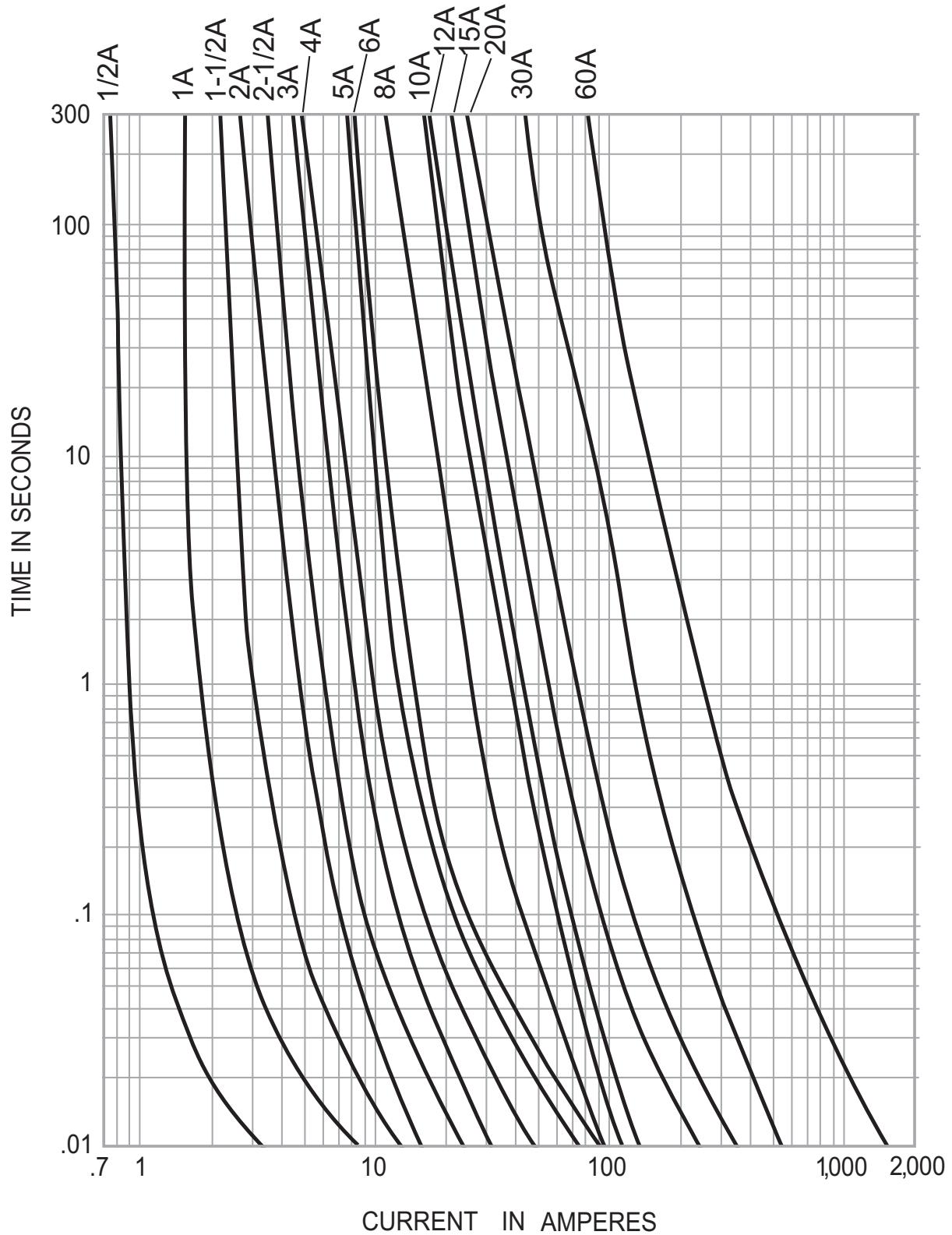
Recommended Fuse Blocks

| Fuse Amps | 1-Pole | 2-Pole | 3-Pole |
|-----------|------------|------------|------------|
| ½-15 | BG30011_ | BG30012_ | BG30013_ |
| 20 | BG30021_ | BG30022_ | BG30023_ |
| 25-30 | BG30031_ | BG30032_ | BG30033_ |
| 35-60 | G30060-1C_ | G30060-2C_ | G30060-2C_ |

For additional information on the BG and G Series of Class G fuse blocks, see Data Sheet # 1006.

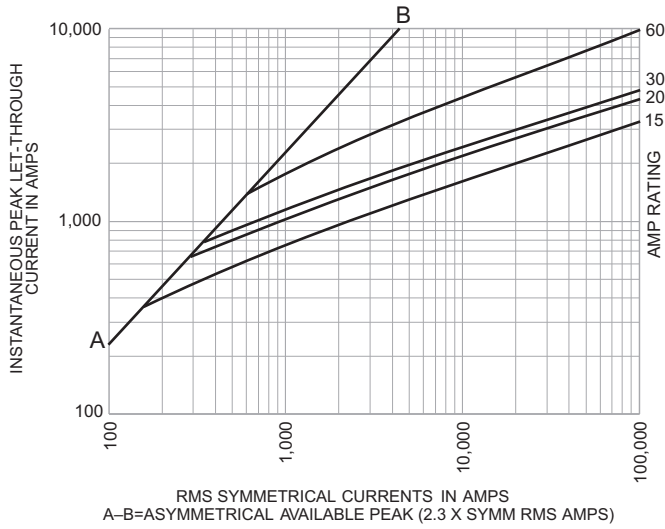
SC – 600Vac/480Vac, ½-60A Size Rejecting Fuses

Time-Current Curves - Average Melt



SC – 600Vac/480Vac, ½-60A Size Rejecting Fuses

Current-Limitation Curves



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