

SC Class G, 600Vac/480Vac, 1/2-60A size-rejecting fuses



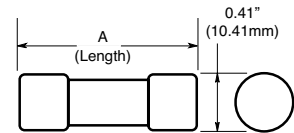
Catalog numbers (amps)

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

Carton quantity:

| Amp rating | Carton qty. |
|------------|-------------|
| 1/2-20 | 4 |
| 25-60 | 2 |

Dimensions - in (mm):



Amp rating **A**

| | |
|----------|-------------|
| 1/2-15 | 1.31 (33.3) |
| 20 | 1.41 (35.8) |
| 25 to 30 | 1.62 (41.1) |
| 35 to 60 | 2.25 (57.1) |

Features:

- Meets basic protection requirements of NEC®, Canadian Electrical Code (CEC), UL and CSA.
- Most economical overcurrent protection solution compared to circuit breakers.
- For use in various non-demanding, general purpose applications.
- 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.
- Fuses 7 amps and above have a degree of overload time-delay that permits them to pass temporary overloads.

Catalog symbol:

- SC-(amp)

Description:

Basic protection Class G size-rejecting, current limiting fuses. 1/2 to 6A Fast-acting, 7 to 60A time-delay. Time-delay – 12 seconds (minimum) at 200% of rated current.

Specifications:

Ratings

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

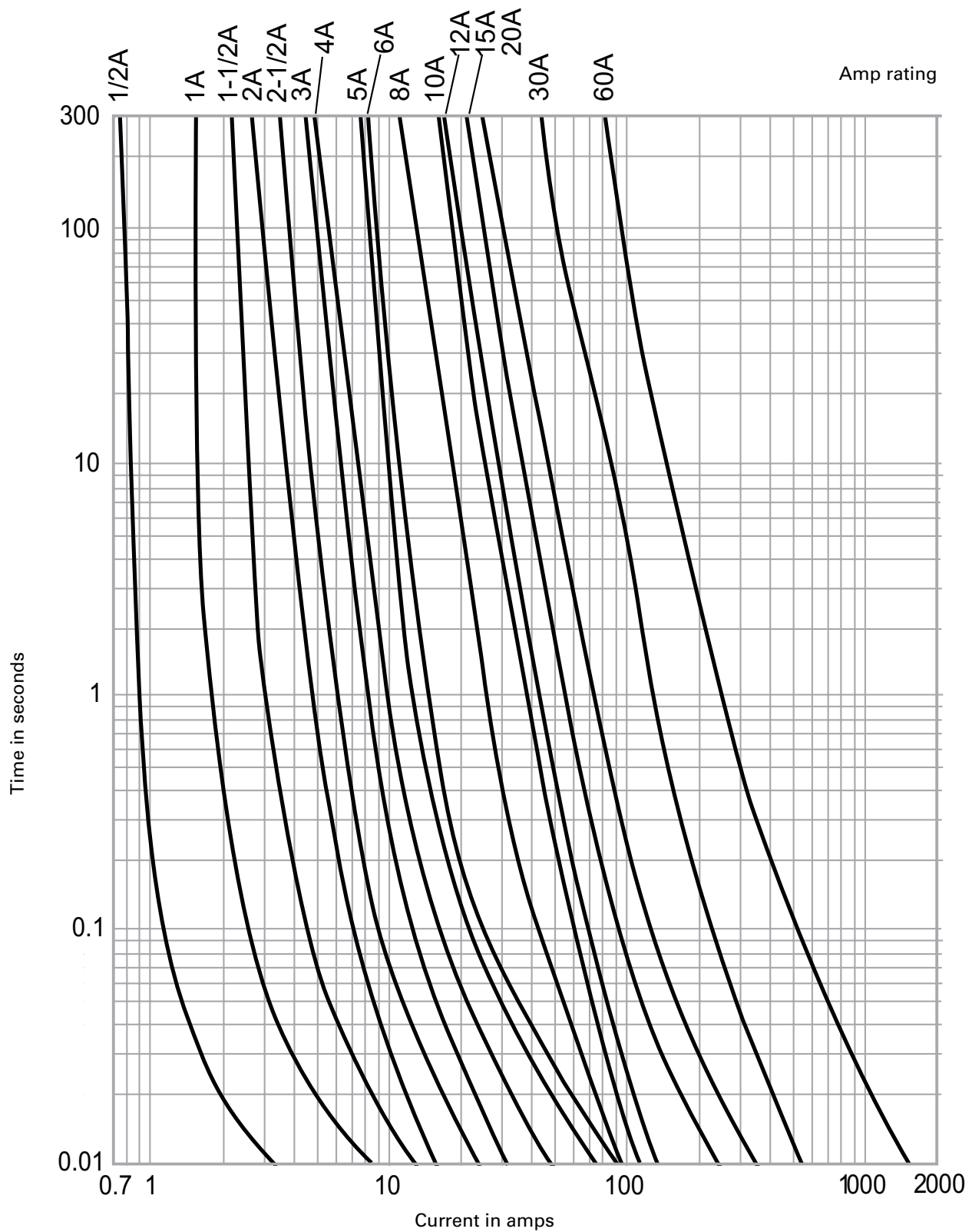
Agency information

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



Powering Business Worldwide

Time-current curves - average melt:

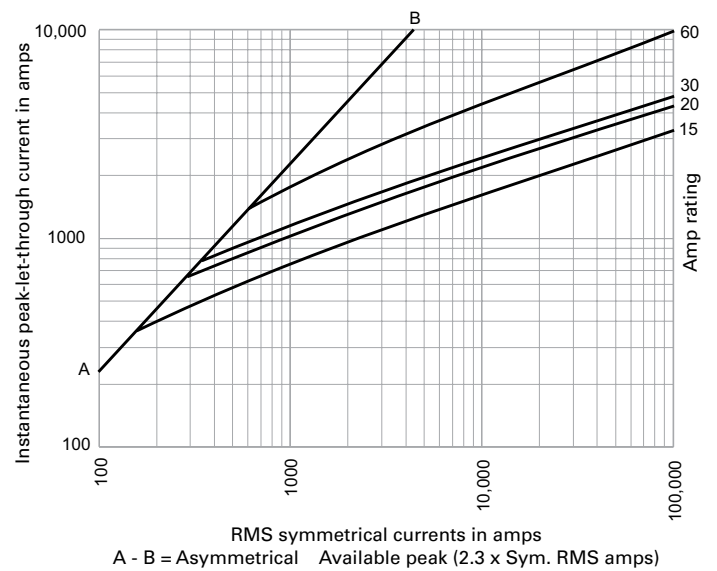


Recommended fuse blocks: Fo

| Fuse amps | 1-Pole | 2-Pole | 3-Pole |
|-----------|------------|------------|------------|
| 1/2-15 | 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 No. 1006.

Current-limitation curves:



Eaton
 1000 Eaton Boulevard
 Cleveland, OH 44122
 United States
 Eaton.com

Bussmann Division
 114 Old State Road
 Ellisville, MO 63021
 United States
 Eaton.com/bussmannseries

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