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



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

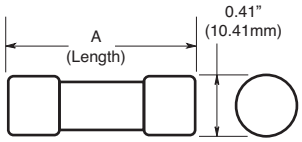
Catalog Numbers (amps)

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

Dimensions - in



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

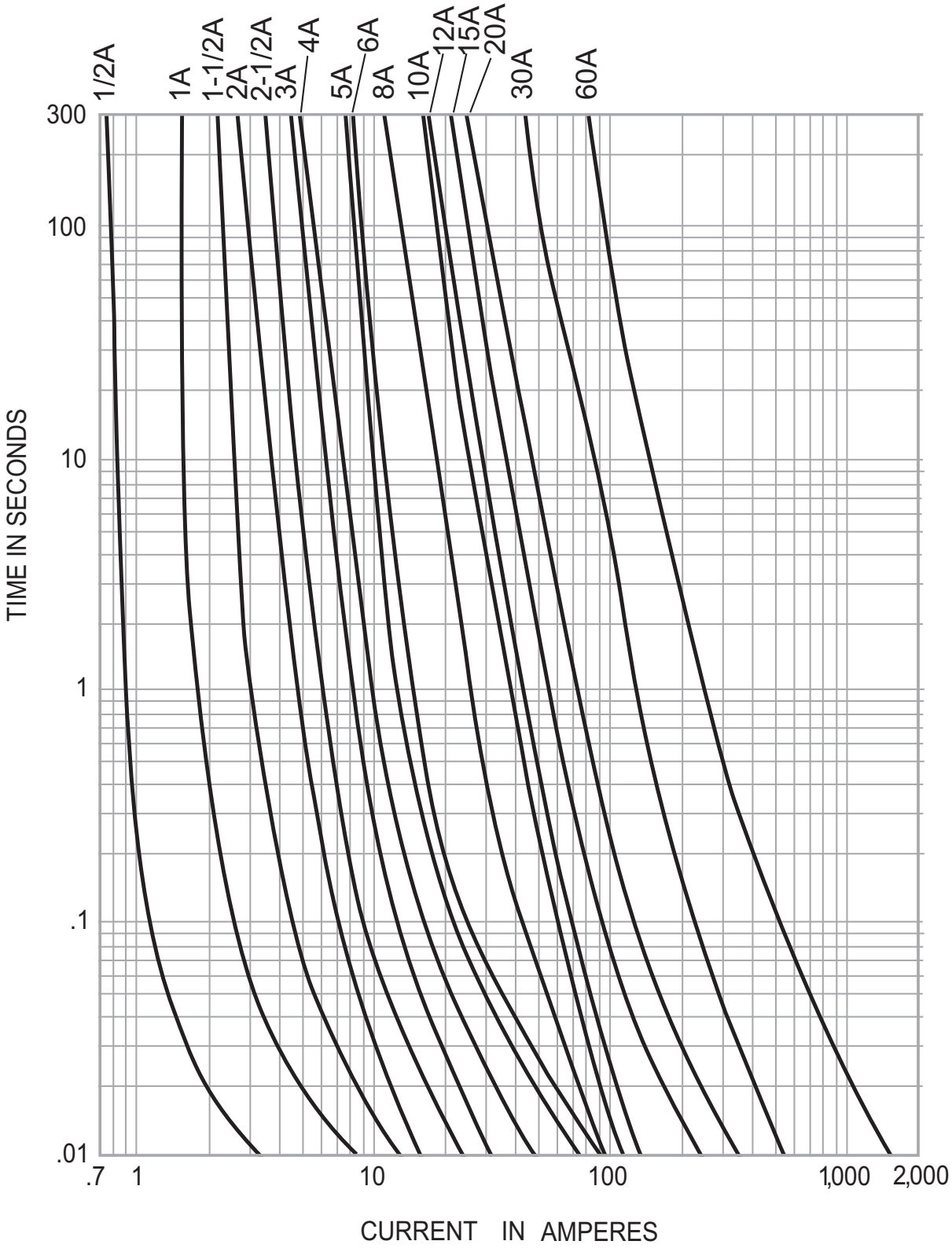
Recommended Fuse Blocks

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.

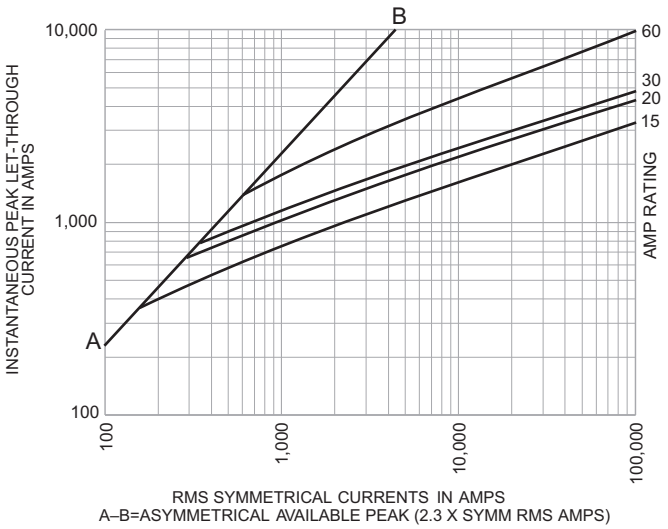
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Time-Current Curves - Average Melt



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

Current-Limitation Curves



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