

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





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
- · CF
- RoHS compliant

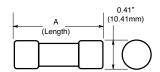


Catalog numbers (amps)					
SC-1/2	SC-6	SC-30			
SC-1	SC-7	SC-35			
SC-1-1/2	SC-8	SC-40			
SC-2	SC-10	SC-45			
SC-2-1/2	SC-12	SC-50			
SC-3	SC-15	SC-60			
SC-4	SC-20				
SC-5	SC-25				

Carton quantity:

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

Dimensions - in (mm):

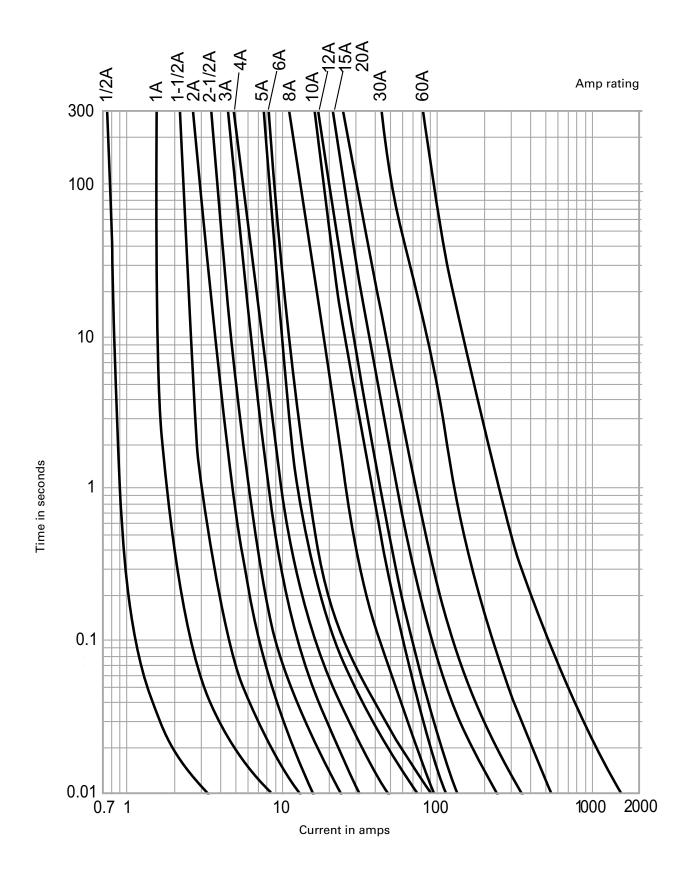


Amp rating	Α
1/2-15	1.31 (33.3)
20	1.41 (35.8)
25 to 30	1.62 (41.1)
35 to 60	2.25 (57.1)

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.

Time-current curves - average melt:

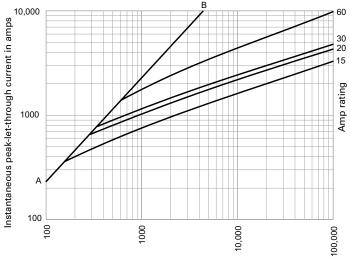


Recommended fuse blocks: Fo

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:



RMS symmetrical currents in amps A - B = Asymmetrical Available peak (2.3 x Sym. RMS amps)

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

© 2015 Eaton All Rights Reserved Printed in USA Publication No. 1024 – BU-SB13733 December 2015 Eaton and Bussmann are valuable trademarks of Eaton in the US and other countries. You are not permitted to use the Eaton trademarks without prior written consent of Eaton.

CSA is a registered trademark of the Canadian Standards Group.
NEC is a registered trademark of the National Fire Protection Association, Inc.
UL is a registered trademark of the Underwriters Laboratories, Inc.

For Eaton's Bussmann series product information, call 1-855-287-7626 or visit: Eaton.com/bussmannseries

Follow us on social media to get the latest product and support information.











3

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Eaton:

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