ELLIOTT ELECTRIC SUPPLY
We Deliver...Lower Cost, Quality Products, & Personal Service
2310 N. Stallings Dr.
Nacogdoches, TX 75964-0
Phone: 9365697941
Fax: 9365604685



SC15 15A 600V TD CLASS G FUSE

BUSSMANN FUSES

Catalog Number	SC15
Manufacturer	BUSSMANN FUSES
Description	Time Delay Fuse, G Class Fuse, 12 s @ 200% Response Time, Ferrule End x Ferrule End Connection, 15 A, 600 V ac;170 V dc, 0.41 in Diameter, 1.31 in Overall Length, 0.02 lb
Weight per unit	0.0200 (lbs/each)
Product Category	Dual Element

Features

Voltage Rating	600 Vac, 170 Vdc
Amperage Rating	15 Amp
Class	G
Connection	Ferrule End X Ferrule End
Dimensions	0.4100 IN X 0.4100 IN X 1.3100 IN
Interrupt Rating	100000 Amp (RMS Symmetrical), 10000 Amp (DC)

Dimensions and Weight

Size	0.41 In Diameter X 1.31 In Length

Descriptions

Description	15A 600V TD CLASS G FUSE
Features	Bussmann's SC type fuses are UL Class G and provide fast-acting (1/2-6 A) and time-delay (7-60 A) characteristics for circuit protection need. SC fuses are size rejecting in terms of their overall length thereby aiding in the prevention of overfusing
Long Description	Eaton Bussmann Series Class G fuse, SC, fast-acting, current limiting fuse, 15 A, rejection style fuse, interrupting rating of 100 kA at 600 Vac and 10 kA at 170 Vdc
Product Type	Buss SC Fuse Class G Class G
Special Features	Rejection Style
Extra Long Description	BUS SC-15 BUSS SC FUSE CLASS G CLAS

Manufacturer Information

Brand	Eaton Bussmann series
	EATON BUSSMANN
GTIN	00051712250153
UPC	051712

Taxonomies, Classifications, and Categories

Category Description	Fuses & Fuse Accessories
Type	FUSE

2310 N. Stallings Dr.
Nacogdoches, TX 75964-0
Phone: 9365697941
Fax: 9365604685

Packaging

Carton	10
Weight Per Each	0.0200 (lbs/each)

Uses, Certifications, and Standards

Application	Ind Facilities & Factories - Facility: Safety and Security Systems
Standard	CE Marked,RoHS Compliant

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

RoHS



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

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:

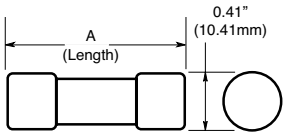
Ratings

- Volts
  - 600Vac/170Vdc (½-20A)
  - 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

Dimensions - in (mm):

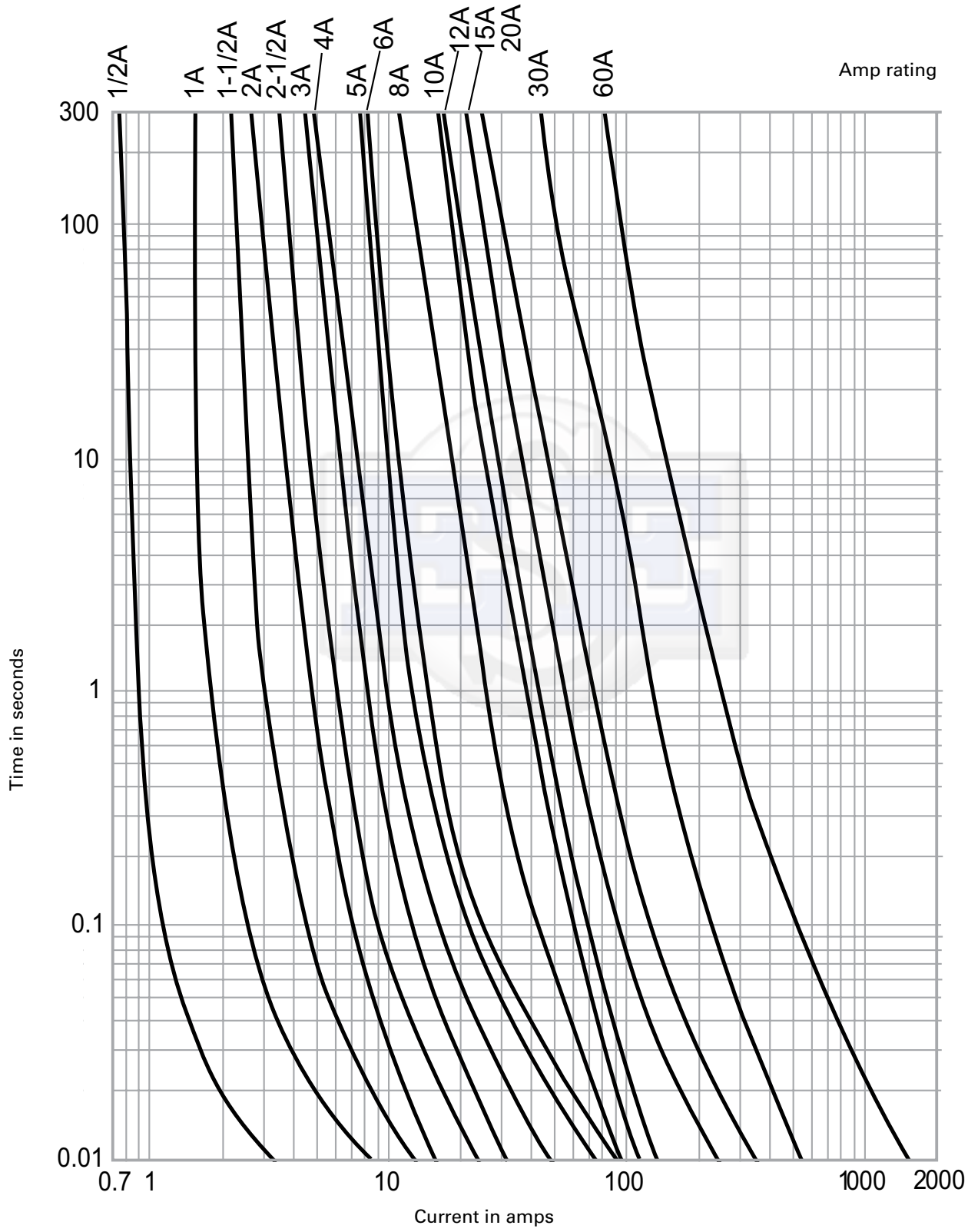


Amp rating	A
1/2-15	1.31 (33.3)
20	1.41 (35.8)
25 to 30	1.62 (41.1)
35 to 60	2.25 (57.1)

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.

Time-current curves - average melt:



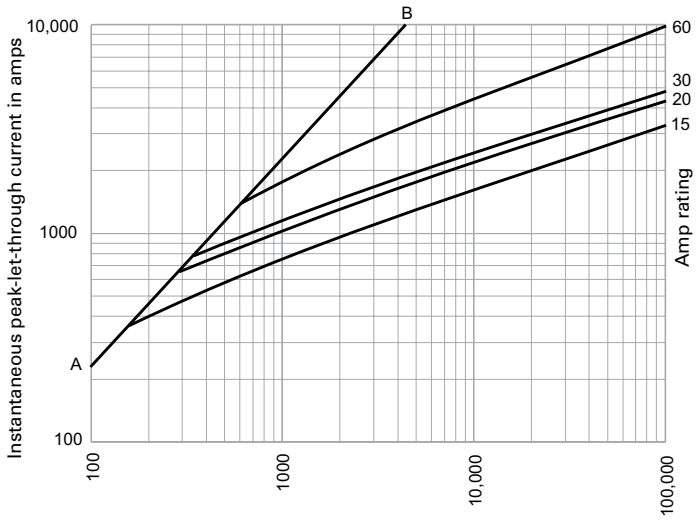
Recommended fuse blocks:

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:



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.

Powering Business Worldwide