

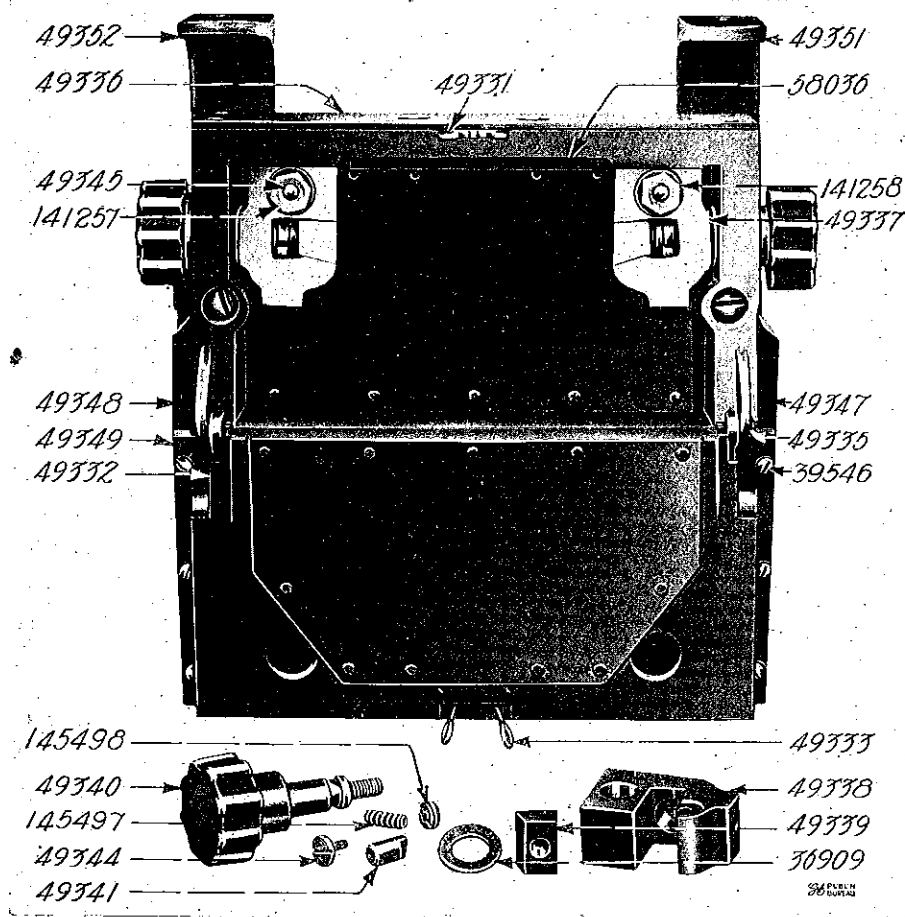
# General Electric Company

Schenectady, N.Y.

July, 1917

\* Bulletin No. 54709

## PARTS OF TYPE MA-13, FORMS A AND B MAGNETIC BLOWOUT FUSE BOXES



NOTE.—The accompanying illustration of the Type MA-13, Form A magnetic blowout fuse boxes, Cat. No. 35305 is also representative of the Form B. The Form B differs from the Form A in having punched iron pole pieces in place of cast iron and has a thumb catch for the cover in place of the spring catch.

NOTE.—Data subject to change without notice.

\* Old Series No. A4168

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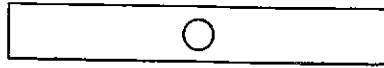
54709-2 Parts of Type MA-13, Forms A and B Magnetic Blowout Fuse Boxes

Cat. No.	Description
35305	Type MA-13, Form A magnetic blowout fuse box, complete, 500 amp., 600 volts.....
113240	Type MA-13, Form B magnetic blowout fuse box, complete, 500 amp., 600 volts.....
<i>Following are the parts:</i>	
49330	BOX, complete, with linings and catch plate for cover, without terminal blocks, terminals or insulated adjusting screws, for No. 35305.....
145491	Box, complete, with linings and spring catch for cover, without terminal blocks, terminals or insulated adjusting screws, for No. 113240.....
58036	Lining with rivets, for top of box.....
49331	Catch plate for cover, for No. 49330.....
108551	Spring catch for cover, with tip, rivets, washers, plates and washers, for No. 145491.....
57437	Screw fastening No. 49331 to box (10-32, 1/2 in. f. h. brass).....
49332	Cover with lining and spring catch, for No. 49330.....
145492	Cover, complete, with releasing button for spring catch, for No. 145491.....
49333	Spring catch for No. 49332.....
145493	Releasing button with pin, for No. 145492.....
49334	Screw fastening name plate in position, for No. 49332 (8-32, 5/16 in. f. h. blued).....
49335	Hinge pin for No. 49332 (3/8 in. by 5/8 in. r. h. split end).....
145494	Hinge pin for No. 145492 (3/8 in. by 5/8 in. spring cotter).....
49336	Insulation for top of No. 49330.....
145495	Insulation for top of No. 145491.....
10214	Screw fastening Nos. 49336, 145495 to box (No. 8, 1/2 in. f. h.).....
49337	Terminal block, right-hand.....
49338	Terminal block, left-hand.....
51745	Screw fastening Nos. 49337, 49338 to box (14-24, 3/4 in. r. h. blued).....
145496	Spring lock washer for No. 51745 (3/8 in. by 1/2 in. by 3/4 in.).....
49339	Terminal wedge.....
49340	Insulated adjusting screw (3/8 in.-16 thread, sp'l).....
36909	Washer for No. 49340 (3/4 in. by 1 1/8 in. by 0.0625 in.).....
49341	Stop for adjusting screw.....
145497	Spring for stop.....
145498	Screw plug for terminal block 1/2 in.-13, 3/16 in. long, sherardized).....
49344	Stop screw for fuse (10-32, 7/16 in. fill. h. brass, sp'l).....
49345	Cable terminal.....
141257	Nut for No. 49345 (3/8 in.-16, 1/4 in. thick, 1 1/8 in. across flats, hex. cham. one side, sherardized)
141258	Spring lock washer for No. 141257 (1 1/2 in. by 3/8 in. by 0.0625 in., sherardized).....
49346	ARC CHUTE, complete, with screws for fastening to box.....
1887	Screw fastening chute to box (14-24, 3/4 in. f. h.).....
49347	Side plate, right-hand.....
49348	Side plate, left-hand.....
49349	Front plate.....
49350	Back plate.....
39546	Screw fastening parts of chute together (No. 10, 3/4 in. r. h. blued).....
144986	Lock washer for No. 39546 (1 1/4 in. by 3/8 in. by 0.031 in. blued).....
49351	Supporting bracket for box, right-hand.....
49352	Supporting bracket for box, left-hand.....
10331	Screw fastening Nos. 49351, 49352 to box (3/8 in.-16, 1 1/4 in. fill. h.).....
49353	Washer for No. 10331 (2 1/4 in. by 5/8 in. by 0.0625 in.).....

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Parts of Type MA-13, Forms A and B Magnetic Blowout Fuse Boxes 54709-3

COPPER RIBBON FUSES FOR THE TYPE MA-13 MAGNETIC BLOWOUT FUSE BOXES



RATING

A fuse is rated at one-half the current at which it will blow in 30 seconds. In selecting fuses their ampere rating should equal the hourly ampere rating of the motor or the total ampere rating of the combined motors to be protected.

FUNCTION OF HOLE AT CENTER OF FUSE

The hole in the fuse which is located at the center of the copper ribbon is for the double purpose of localizing the heating and for causing the arc to rupture at the center of the magnetic field. This insures positive arc rupture, minimum fusing of ribbon and prevents burning of terminals.

AMPERES		Catalog Number	COPPER RIBBON DATA		
Rating	Blows in 30 Sec.		Dimensions in Inches	Size of Hole	No. of Laminations
75	150	42504	0.005 by 3/4 by 6 5/8	9/16	1
100	200	38663	0.005 by 3/4 by 6 5/8	1/2	1
125	250	29428	0.005 by 1 by 6 5/8	5/8	1
150	300	29429	0.005 by 1 by 6 5/8	1/2	1
175	350	38664	0.007 by 1 by 6 5/8	9/16	1
200	400	29430	0.005 by 1 by 6 5/8	5/8	2
250	500	41248	0.007 by 1 by 6 5/8	5/8	2
300	600	44306	0.007 by 1 by 6 5/8	9/16	2
350	700	58225	0.005 by 1 by 6 5/8	1/2	4 <sup>3</sup> Holes
400	800	64858	0.007 by 1 by 6 5/8	1/2	4

# GENERAL ELECTRIC COMPANY

## PRINCIPAL OFFICES, SCHENECTADY, N. Y.

### SALES OFFICES (Address nearest Office)

Atlanta, Ga.	Third National Bank Building
Baltimore, Md.	Lexington Street Building
Birmingham, Ala.	Brown-Marx Building
Boston, Mass.	84 State Street
Buffalo, N. Y.	Electric Building
Butte, Mont.	Electric Building
Charleston, W. Va.	Charleston National Bank Building
Charlotte, N. C.	Commercial National Bank Building
Chattanooga, Tenn.	James Building
Chicago, Ill.	Monadnock Building
Cincinnati, Ohio	Provident Bank Building
Cleveland, Ohio	Illuminating Building
Columbus, Ohio	The Hartman Building
Dayton, Ohio	Schwind Building
Denver, Colo.	First National Bank Building
Des Moines, Iowa	Hippee Building
Duluth, Minn.	Fidelity Building
Elmira, N. Y.	Hulet Building
Erie, Pa.	Marine National Bank Building
Fort Wayne, Ind.	Fort Wayne Electric Works
Hartford, Conn.	Hartford National Bank Building
Indianapolis, Ind.	Traction Terminal Building
Jacksonville, Fla.	Heard National Bank Building
Joplin, Mo.	Miners' Bank Building
Kansas City, Mo.	Dwight Building
Knoxville, Tenn.	Bank & Trust Building
Los Angeles, Cal.	124 West Fourth Street
Louisville, Ky.	Starks Building
Memphis, Tenn.	Randolph Building
Minneapolis, Minn.	410 Third Ave., North
Nashville, Tenn.	Stahlman Building
New Haven, Conn.	Second National Bank Building
New Orleans, La.	Maison-Blanche Building
New York, N. Y.	Equitable Building, 120 Broadway
Niagara Falls, N. Y.	Gluck Building
Omaha, Neb.	Union Pacific Building
Philadelphia, Pa.	Witherspoon Building
Pittsburgh, Pa.	Oliver Building
Portland, Ore.	Electric Building
Providence, R. I.	Turks Head Building
Richmond, Va.	Virginia Railway & Power Building
Rochester, N. Y.	Granite Building
St. Louis, Mo.	Pierce Building
Salt Lake City, Utah	Newhouse Building
San Francisco, Cal.	Rialto Building
Seattle, Wash.	Colman Building
Spokane, Wash.	Paulsen Building
Springfield, Mass.	Massachusetts Mutual Building
Syracuse, N. Y.	Onondaga County Savings Bank Building
Toledo, Ohio	Spitzer Building
Washington, D. C.	Evans Building
Youngstown, Ohio	Stambaugh Building

For MICHIGAN Business refer to General Electric Co. of Michigan  
 Detroit, Mich. . . . . Dime Savings Bank Building

For TEXAS, OKLAHOMA and ARIZONA Business refer to  
 Southwest General Electric Co. (Formerly Hobson Electric Co.)  
 Dallas, Tex. . . . . 1701 N. Market Street  
 E. Paso Tex. . . . . 500 San Francisco Street  
 Houston, Tex. . . . . Third and Washington Streets  
 Oklahoma City, Okla. . . . . Terminal Building

### Motor Agencies in all large cities and towns

General Electric Co., Foreign Dept.	Schenectady, N. Y.
General Electric Co., Foreign Dept., Equitable Bldg., 120 Broadway, New York, N. Y.	
General Electric Co. of N. Y.	85 Cannon St., London, E. C., England
Australian General Electric Co.	Melbourne and Sydney
Companhia General Electric do Brazil.	Rio de Janeiro
Cia. General Electric Sudamericana.	Buenos Aires
Mexican General Electric Co.	City of Mexico
South African General Electric Co.	Johannesburg and Cape Town

### Representatives and Agents in all Countries.

For all CANADIAN Business refer to Canadian General Electric Co., Ltd., Toronto, Ont.