

# General Electric Company

## Schenectady, N.Y.

011

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\*Bulletin No. 54729.1B

### PARTS OF TYPE MS-8 FORMS A AND D MAGNETIC BLOWOUT SWITCHES

Cat. No.	Description
36881	Type MS-8, Form A magnetic blowout switch, continuous capacity, 200 amperes, 600 volts. . . .
188722	Type MS-8, Form D magnetic blowout switch, continuous capacity, 300 amperes, 600 volts. . . .

*Following are the parts:*

Cat. No.	Switch Form	No. Req.	Description
58665	A	1	BOX CASTING with lining. . . . .
218966	D	1	Box casting with lining. . . . .
58666	A, D	1	Cover for box casting. . . . .
128999	"	2	Screw fastening cover to box casting ( $\frac{5}{16}$ in.-18, $\frac{3}{4}$ in. r. h. sherardized). . . . .
154196	"	2	Spring lock washer for No. 128999 ( $\frac{3}{16}$ in. by $\frac{3}{16}$ in. by $\frac{5}{16}$ in. thick). . . . .
58667	A	2	Bushing for cable hole. . . . .
105606	D	2	Bushing for cable hole. . . . .
58668	A	1	ARC CHUTE. . . . .
218967	D	1	Arc chute. . . . .
58669	A	1	Front plate for arc chute. . . . .
1430429	D	1	Front plate for arc chute. . . . .
58670	A	1	Back plate for arc chute. . . . .
1430432	D	1	Back plate for arc chute. . . . .
58671	A	1	Side plate with pins, for arc chute, right-hand. . . . .
280037	D	1	Side plate with pins, for arc chute, right-hand. . . . .
58672	A	1	Side plate with pins, for arc chute, left-hand. . . . .
218968	D	1	Side plate with pins, for arc chute, left-hand. . . . .
58673	A	1	Bottom plate for arc chute. . . . .
1430512	D	1	Bottom plate for arc chute. . . . .
1430430	D	1	Barrier for arc chute. . . . .
207048	A	4	Screw fastening parts of arc chute together (10-30, $\frac{7}{8}$ in. f. h. sherardized). . . . .
207048	D	6	Screw fastening parts of arc chute together (10-30, $\frac{7}{8}$ in. f. h. sherardized). . . . .
218969	A, D	2	Screw fastening arc chute to box casting (14-24, $2\frac{1}{4}$ in. fill. h. sherardized). . . . .
58674	A	1	Terminal block, right-hand, with stud and bushing. . . . .
218970	D	1	Terminal block, right-hand, with stud and bushing. . . . .
58675	A	1	Terminal block, left-hand, with contact tip and bushing. . . . .
218971	D	1	Terminal block, left-hand, with contact and bushing. . . . .
58676	A	1	Copper contact tip for No. 58675. . . . .
105639	D	1	Copper contact for No. 218971. . . . .
22345	A	2	Screw fastening No. 58676 to terminal block (14-24, $\frac{1}{2}$ in. f. h. brass). . . . .

NOTE.—Data subject to change without notice.  
Supersedes Bulletin No. 54729.1A



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54729.1B-2 Parts of Type MS-8 Forms A and D Magnetic Blowout Switches

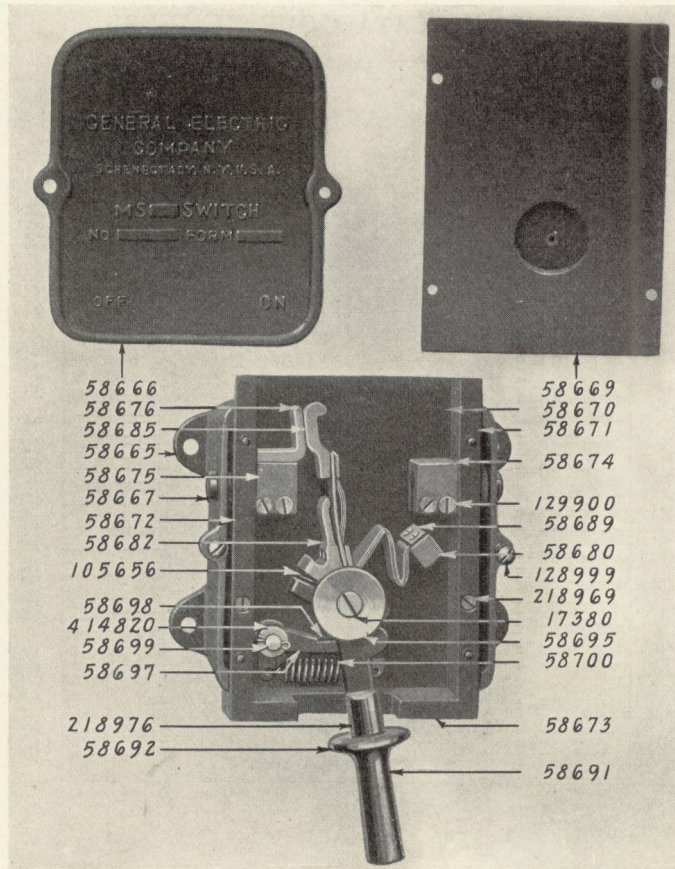
Cat. No.	Switch Form	No. Req.	Description
49388	D	2	Screw fastening No. 105639 to terminal block (14-24, $\frac{3}{4}$ in. f. h. brass).....
58677	A	2	Bushing for terminal block.....
173011	D	2	Bushing for terminal block.....
129900	A	4	Binding screw for terminal block (14-24, $\frac{3}{4}$ in. f. h. sherardized)
22013	D	4	Binding screw for terminal block (14-24, $\frac{7}{8}$ in. f. h. brass).....
144066	A	1	Screw fastening No. 58674 in position (14-24, $\frac{5}{8}$ in. f. h. sherardized).....
129900	A, D	2	Screw fastening No. 58675 or 218971 in position (14-24, $\frac{3}{4}$ in. f. h. sherardized).....
58680	A	1	Terminal post.....
218973	D	1	Terminal post.....
58678	A, D	3	Nut for terminal block, stud and terminal post ( $\frac{1}{2}$ in.-13, $\frac{3}{16}$ in. thick, hex. brass, cham. both sides).....
154198	"	2	Spring lock washer for nut ( $\frac{13}{32}$ in. by $1\frac{1}{32}$ in. by $\frac{1}{8}$ in. thick).....
58681	"	1	Nut for terminal post ( $\frac{1}{2}$ in.-13, $\frac{1}{2}$ in. thick, hex. brass, cham. one side).....
58682	A	1	Contact lever with catch plate.....
218974	D	1	Contact lever with catch plate.....
58683	A, D	1	Catch plate for contact lever.....
221179	"	2	Screw fastening catch plate to contact lever (6-40, $\frac{3}{8}$ in. f. h. sherardized).....
58685	A	1	CONTACT FINGER with springs and laminated connections....
496507	D	1	Contact finger with springs and laminated connections.....
105628	D	1	Laminated contact brush.....
180235	A	4	Screw fastening contact fingers, springs and connections to contact lever or terminal post (10-30, $\frac{1}{2}$ in. f. h. sherardized).....
49388	D	2	Screw fastening contact fingers, springs and laminated contact brush to contact lever (14-24, $\frac{3}{4}$ in. f. h. brass).....
22345	D	2	Screw fastening contact finger laminations to terminal post (14-24, $\frac{1}{2}$ in. f. h. brass).....
58689	A	2	Double washer for No. 180235.....
105632	D	2	Double washer for Nos. 49388, 22345.....
218976	A	1	HANDLE LEVER with handle, stud and guard.....
218977	D	1	Handle lever with handle, stud and guard.....
58691	A	1	Handle with stud and guard.....
105654	D	1	Handle with stud and guard.....
58692	A	1	Handle guard.....
402242	D	1	Handle guard.....
154197	A	1	Spring lock washer between handle lever and guard ( $\frac{13}{32}$ in. by $\frac{25}{32}$ in. by $\frac{3}{32}$ in. thick).....
154198	D	1	Spring lock washer between handle lever and guard ( $\frac{13}{32}$ in. by $1\frac{1}{32}$ in. by $\frac{1}{8}$ in. thick).....
1604627P24	A	1	Collar for handle lever.....
218978	D	1	Collar for handle lever.....
58693	A	1	Blowout coil core and fulcrum for contact and handle levers.....
218979	D	1	Blowout coil core and fulcrum for contact and handle levers.....
154199	A, D	1	Spring lock washer for Nos. 58693, 218979 ( $\frac{21}{32}$ in. by $1\frac{5}{32}$ in. by $\frac{3}{16}$ in. thick).....
58695	A, D	1	Retaining washer for handle lever ( $\frac{5}{16}$ in. by $1\frac{3}{4}$ in. by $\frac{3}{16}$ in. thick, countersunk hole sherardized).....
17380		1	Screw fastening retaining washer to blowout coil core ( $\frac{5}{16}$ in.-18, $\frac{5}{8}$ in. f. h. sherardized).....
105656	"	1	Compression spring for contact and handle levers.....



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Parts of Type MS-8 Forms A and D Magnetic Blowout Switches 54729.1B-3

Cat. No.	Switch Form	No. Req.	Description
58697	A, D	1	Catch lever with catch plate.....
58698	"	1	Catch plate with rivets.....
58699	"	1	Hinge pin for catch lever.....
414820	"	1	Large washer for hinge pin ( $\frac{3}{4}$ in. by $\frac{13}{32}$ in. by 0.060 in. brass).....
498560	"	1	Small washer for hinge pin ( $\frac{3}{4}$ in. by $\frac{5}{8}$ in. by 0.0625 in. sherardized)



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1480733	A, D	1	Nut for hinge pin ( $\frac{5}{16}$ in.—18, hex. st'd, sherardized).....
110774	"	1	Spring cotter for hinge pin ( $\frac{3}{32}$ in. by $\frac{5}{8}$ in. sherardized).....
58700	"	1	Tension spring for contact and catch levers.....
58701	A	1	BLOWOUT COIL.....
218980	D	1	Blowout coil.....
58702	A	1	Bushing for blowout coil core.....
218981	D	1	Bushing for blowout coil core.....
58703	A	1	Fiber sleeve for bushing ( $\frac{7}{8}$ in. by 1 in. by $\frac{3}{4}$ in. long).....
218972	D	1	Fiber sleeve for bushing ( $\frac{7}{8}$ in. by 1 in. by $\frac{15}{16}$ in. long).....
58704	A	1	Pole piece.....
496540	D	1	Pole piece.....



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54729.1B-2 Parts of Type MS-8 Forms A and D Magnetic Blowout Switches

Cat. No.	Switch Form	No. Req.	Description
49388	D	2	Screw fastening No. 105639 to terminal block (14-24, $\frac{3}{4}$ in. f. h. brass).....
58677	A	2	Bushing for terminal block.....
173011	D	2	Bushing for terminal block.....
129900	A	4	Binding screw for terminal block (14-24, $\frac{3}{4}$ in. f. h. sherardized)
22013	D	4	Binding screw for terminal block (14-24, $\frac{1}{8}$ in. f. h. brass).....
144066	A	1	Screw fastening No. 58674 in position (14-24, $\frac{5}{8}$ in. f. h. sherardized).....
129900	A, D	2	Screw fastening No. 58675 or 218971 in position (14-24, $\frac{3}{4}$ in. f. h. sherardized).....
58680	A	1	Terminal post.....
218973	D	1	Terminal post.....
58678	A, D	3	Nut for terminal block, stud and terminal post ( $\frac{1}{2}$ in.-13, $\frac{3}{16}$ in. thick, hex. brass, cham. both sides).....
154198	"	2	Spring lock washer for nut ( $\frac{13}{2}$ in. by $1\frac{1}{2}$ in. by $\frac{1}{8}$ in. thick).....
58681	"	1	Nut for terminal post ( $\frac{1}{2}$ in.-13, $\frac{1}{2}$ in. thick, hex. brass, cham. one side).....
58682	A	1	Contact lever with catch plate.....
218974	D	1	Contact lever with catch plate.....
58683	A, D	1	Catch plate for contact lever.....
221179	"	2	Screw fastening catch plate to contact lever (6-40, $\frac{3}{8}$ in. f. h. sherardized).....
58685	A	1	CONTACT FINGER with springs and laminated connections....
496507	D	1	Contact finger with springs and laminated connections.....
105628	D	1	Laminated contact brush.....
180235	A	4	Screw fastening contact fingers, springs and connections to contact lever or terminal post (10-30, $\frac{1}{2}$ in. f. h. sherardized).....
49388	D	2	Screw fastening contact fingers, springs and laminated contact brush to contact lever (14-24, $\frac{3}{4}$ in. f. h. brass).....
22345	D	2	Screw fastening contact finger laminations to terminal post (14-24, $\frac{1}{2}$ in. f. h. brass).....
58689	A	2	Double washer for No. 180235.....
105632	D	2	Double washer for Nos. 49388, 22345.....
218976	A	1	HANDLE LEVER with handle, stud and guard.....
218977	D	1	Handle lever with handle, stud and guard.....
58691	A	1	Handle with stud and guard.....
105654	D	1	Handle with stud and guard.....
58692	A	1	Handle guard.....
402242	D	1	Handle guard.....
154197	A	1	Spring lock washer between handle lever and guard ( $\frac{13}{2}$ in. by $\frac{25}{2}$ in. by $\frac{3}{2}$ in. thick).....
154198	D	1	Spring lock washer between handle lever and guard ( $\frac{13}{2}$ in. by $1\frac{1}{2}$ in. by $\frac{1}{8}$ in. thick).....
1604627P24	A	1	Collar for handle lever.....
218978	D	1	Collar for handle lever.....
58693	A	1	Blowout coil core and fulcrum for contact and handle levers.....
218979	D	1	Blowout coil core and fulcrum for contact and handle levers.....
154199	A, D	1	Spring lock washer for Nos. 58693, 218979 ( $\frac{21}{2}$ in. by $1\frac{5}{2}$ in. by $\frac{3}{16}$ in. thick).....
58695	A, D	1	Retaining washer for handle lever ( $\frac{5}{16}$ in. by $1\frac{3}{4}$ in. by $\frac{3}{16}$ in. thick, countersunk hole sherardized).....
17380		1	Screw fastening retaining washer to blowout coil core ( $\frac{5}{8}$ in.-18, $\frac{5}{8}$ in. f. h. sherardized).....
105656	"	1	Compression spring for contact and handle levers.....



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54729.1B-4 Parts of Type MS-8 Forms A and D Magnetic Blowout Switches

Cat. No.	Switch Form	No. Req.	Description
58705	A, D	4	Washer between pole piece and blowout coil ( $1\frac{1}{8}$ in. by 3 in. by 0.010 in. mica).....
17380	"	1	Screw fastening pole piece to fulcrum pin ( $\frac{5}{16}$ in.-18, $\frac{5}{8}$ in. f. h. sherardized).....
148921	"	1	Screw fastening pole piece to arc chute (14-24, $\frac{1}{2}$ in. f. h. sherardized).....
58706	"	1	Insulation between blowout coil and arc chute.....

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General Electric Company

Schenectady, N. Y., U.S.A.

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