

order for 23

GENERAL ELECTRIC

GENERAL ELECTRIC COMPANY, SCHENECTADY, N. Y., SALES OFFICES IN PRINCIPAL CITIES

May, 1929



*GEF-405A

PARTS OF TYPE MS-14 FORMS B, C, D, E AND G MAGNETIC BLOWOUT SWITCHES

Cat. No.	Description
210182	TYPE MS-14 FORM E MAGNETIC BLOWOUT SWITCH continuous capacity 25 amperes, 50 volts.....
194308	TYPE MS-14 FORM G MAGNETIC BLOWOUT SWITCH continuous capacity 13 amperes, 600 volts.....

NOTE: The Type MS-14 Forms B, C and D Magnetic Blowout Switches have been superseded by the type MS-14 Form G Magnetic Blowout Switch. For the convenience of customers having the superseded switches their parts are also listed.

Following are the parts:

Ref. No.	Cat. No.	Form	No. Re-quired	Description
1	139031	B, C	1	Switch box with pin for handle lever spring, and spring catch and guard for cover.....
1	28X87	D	1	Switch box with spring catch and guard for cover.....
1	210183	E, G	1	Switch box with spring catch and guard for cover.....
	100433	B, C	1	Pin for handle lever spring.....
	196359	"	2	Washer for No. 100433 ($\frac{3}{16}$ in. by $\frac{3}{4}$ in. by 0.034 in. sherardized).....
2	119565	All Forms	2	Spring catch for front cover.....
3	119566	"	2	Guard for spring catch.....
	235239	"	4	Long screw fastening guard and catch to box (6-40, $\frac{5}{8}$ in. r.h. sherardized).....
	154335	B, C, E, G	2	Short screw fastening guard and catch to box (No. 8, $\frac{3}{8}$ in. r.h. sherardized).....
	175541	D	2	Short screw fastening guard and catch to box (8-36, $\frac{3}{8}$ in. r.h. sherardized).....
	1443197	All Forms	4	Washer for No. 235239 ($\frac{5}{32}$ in. by $\frac{5}{16}$ in. by 0.034 in. sherardized)....
	235240	"	4	Nut for No. 235239 (6-40, hex st'd, sherardized).....
	139033	"	4	Spring lock washer for No. 235240 ($\frac{5}{32}$ in. by $\frac{5}{16}$ in. by 0.031 in.).....
	1430498	B, C	1	Front cover.....
	165706	D	1	Front cover.....
	1430130	E, G	1	Front cover.....
	49479	D	1	Knob for front cover.....
	26858	"	1	Screw fastening knob to front cover (14-24, $\frac{5}{8}$ in. f.h. brass).....
	154193	"	1	Spring lock washer for No. 26858 ($\frac{17}{64}$ in. by $\frac{29}{64}$ in. by $\frac{3}{64}$ in. thick).....
	100436	All Forms	1	Back cover.....
	179482	"	4	Screw fastening back cover to box (No. 6, $\frac{5}{8}$ in. f.h. sherardized).....
4	210176	B	1	Terminal block with contact spring, upper right-hand.....
4	139034	C	1	Terminal block with contact spring, upper right-hand.....
4	28X88	D	1	Terminal block with contact spring, upper right-hand.....
4	210184	E, G	1	Terminal block with contact spring, upper right-hand.....
5	210177	B	1	Terminal block with contact spring, upper left-hand.....
5	139035	C	1	Terminal block with contact spring, upper left-hand.....
5	28X89	D	1	Terminal block with contact spring, upper left-hand.....
5	210185	E, G	1	Terminal block with contact spring, upper left-hand.....
6	210178	B	1	Terminal block, lower.....
6	139036	C	1	Terminal block, lower.....
6	28X90	D	1	Terminal block, lower.....
6	210186	E	1	Terminal block, lower.....

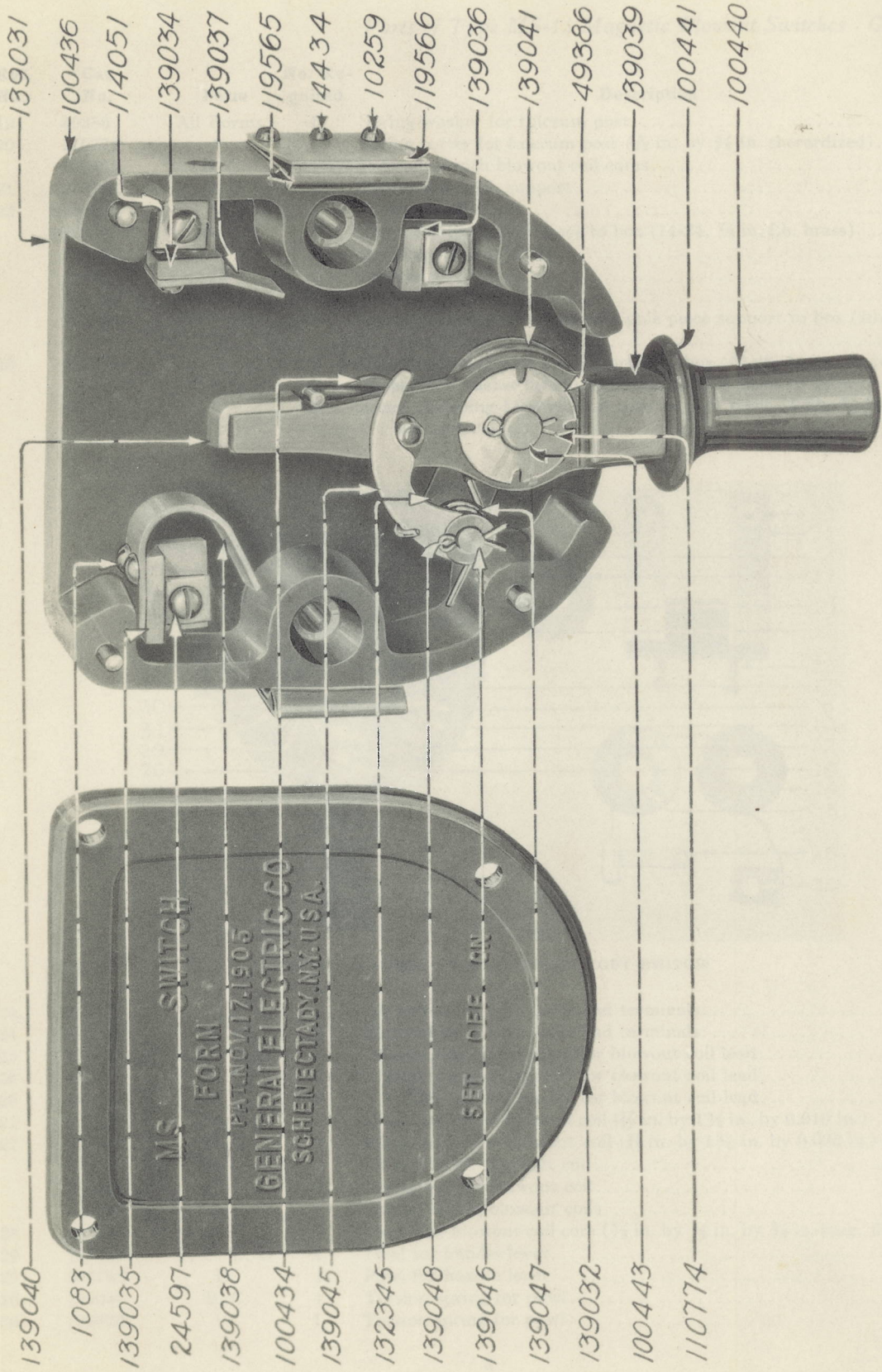
NOTE.—Data subject to change without notice.

*Supersedes GEF-405 and photograph 309310.

GENERAL ELECTRIC COMPANY

GEF-405A Parts of Type MS-14 Magnetic Blowout Switches

Ref. No.	Cat. No.	Form	No. Required	Description
6	278190	G	1	Terminal block, lower.....
7	139037	B, C, D	1	Contact spring for upper right-hand terminal block.....
7	165719	E, G	1	Contact spring for upper right-hand terminal block.....
8	210179	B	1	Contact spring for upper left-hand terminal block.....
8	139038	C, D, E, G	1	Contact spring for upper left-hand terminal block.....
9	175541	B	10	Screw fastening contact spring to terminal block and binding screw for terminal block (8-36, $\frac{3}{8}$ in. r.h. sherardized).....
9	210187	C, D, E, G	4	Screw fastening contact spring to terminal block (8-36, $\frac{1}{4}$ in. r.h. brass).....
	154190	All Forms	4	Spring lock washer for No. 175541 or 210187 ($\frac{3}{16}$ in. by $\frac{3}{8}$ in. by 0.031 in.).....
	438666	C	3	Terminal plate for terminal block.....
	158015	"	3	Binding screw for terminal plate (10-30, $\frac{1}{4}$ in. r.h. brass).....
	154190	"	3	Spring lock washer for No. 158015 ($\frac{13}{32}$ in. by $\frac{25}{64}$ in. by 0.0625 in.).....
10	106944	D, E, G	3	Binding screw for terminal block (10-30, $\frac{3}{8}$ in. r.h. brass).....
	412287	"	3	Washer for No. 106944 ($\frac{13}{32}$ in. by $\frac{5}{8}$ in. by 0.060 in. brass).....
	154191	"	3	Spring lock washer for No. 106944 ($\frac{13}{32}$ in. by $\frac{25}{64}$ in. by 0.0625 in.).....
	175742	B	5	Screw fastening terminal block to switch box (8-36, $\frac{1}{2}$ in. f.h. sherardized).....
	167652	C	5	Screw fastening terminal block to switch box (8-36, $\frac{3}{8}$ in. f.h. sherardized).....
	175742	D	4	Screw fastening terminal block to switch box (8-36, $\frac{1}{2}$ in. f.h. sherardized).....
	175742	E, G,	7	Screw fastening terminal block to switch box (8-36, $\frac{1}{2}$ in. f.h. sherardized).....
	187216	B, C, G,	1	Screw fastening terminal block and terminal to switch box (8-36, $\frac{1}{2}$ in. r.h. brass).....
	205086	D	2	Screw fastening terminal block and pole piece to switch box (8-36, $\frac{5}{8}$ in. f.h. sherardized).....
	180233	E	1	Screw fastening terminal block and terminal to switch box (8-36, $\frac{5}{8}$ in. r.h. brass).....
11	210180	B	1	Handle lever with handle, stud, guard and contact.....
11	139039	C, E, G	1	Handle lever with handle, stud, guard and contact.....
11	1117081G4	D	1	Handle lever with handle, stud, guard and contact.....
12	1605136G1	All Forms	1	Handle with stud and guard.....
13	445186	"	1	Handle guard.....
14	488849	"	1	Fiber sleeve for lever ($\frac{5}{8}$ in. by $\frac{3}{4}$ in. by $\frac{9}{16}$ in. long).....
15	210181	B	1	Copper contact with rivets.....
15	210174	C, D, E, G	1	Copper contact with rivets.....
16	139041	B, C	1	Torsion spring for handle lever.....
16	1156784P13	D	1	Torsion spring for handle lever.....
16	165730	E, G	1	Torsion spring for handle lever.....
17	119572	D, E, G	1	Guard for handle lever spring.....
	220770	D	1	Screw fastening guard to box (10-30, $\frac{5}{8}$ in. f.h. brass).....
	194951	E, G	1	Screw fastening guard to box (10-30, $\frac{5}{8}$ in. f.h. sherardized).....
	174922	D	1	Nut for No. 220770 (10-30, hex. st'd, brass).....
	175539	E, G	1	Nut for No. 194951 (10-30, hex. st'd, sherardized).....
	154191	D, E, G	1	Spring lock washer for No. 174922 or 175539 ($\frac{13}{16}$ in. by $\frac{25}{64}$ in. by 0.0625 in.).....
18	196355	B, C	1	Fulcrum post for handle lever.....
18	488820	D, G	1	Fulcrum post for handle lever.....
18	11D425	E	1	Fulcrum post for handle lever.....
	406279	All Forms	2	Nut for fulcrum post ($\frac{3}{8}$ in.-16, $\frac{3}{16}$ in. thick, hex. st'd. brass).....
	133472	B, C	1	Washer for fulcrum post ($\frac{21}{32}$ in. by $\frac{5}{8}$ in. by 0.034 in. sherardized).....
	414820	D	1	Washer for fulcrum post ($\frac{13}{32}$ in. by $\frac{3}{4}$ in. by 0.060 in. brass).....
	141259	E, G	1	Washer for fulcrum post ($\frac{13}{32}$ in. by $\frac{3}{4}$ in. by 0.0625 in. sherardized).....

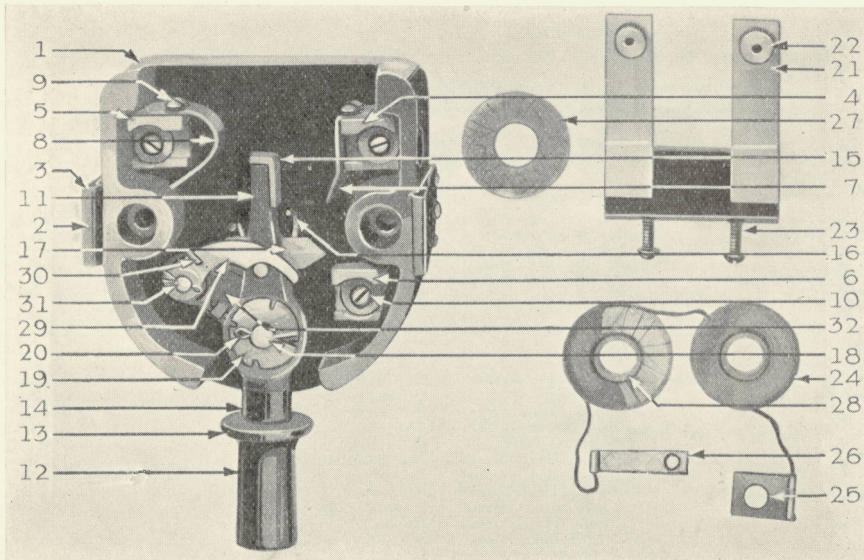


Type MS-14, Form C Switch

309161

Parts of Type MS-14 Magnetic Blowout Switches GEF-405A

Ref. No.	Cat. No.	Form	No. Required	Description
19	49386	All Forms	1	Spring washer for fulcrum post.....
20	110774	"	1	Spring cotter for fulcrum post ($\frac{3}{32}$ in. by $\frac{5}{8}$ in. sherardized).....
	100445	B, C	1	Pole piece with blowout coil cores.....
21	278191	D, G	1	Pole pieces with support.....
22	486327	"	2	Blowout coil core.....
	22013	B, C	1	Screw fastening pole piece to box (14-24, $\frac{7}{8}$ in. f.h. brass).....
	100449	"	1	Bushing for No. 22013.....
	484178	D	1	Arc chute.....
	484181	"	1	Arc chute cover.....
	221165	"	2	Screw fastening arc chute and pole piece support to box (10-30, $1\frac{1}{2}$ in. r.h. brass).....
23	175579	G	2	Screw fastening pole piece support to box (10-30, $\frac{5}{8}$ in. r.h. brass).....
	154191	D, G	2	Spring lock washer for No. 221165 or 175579 ($\frac{13}{64}$ in. by $\frac{25}{64}$ in. by 0.0625 in.).....
	216907	"	2	Screw fastening blowout coil core to pole piece (8-36, $\frac{3}{8}$ in. f.h. sherardized).....



TYPE MS-14 FORM G MAGNETIC BLOWOUT SWITCH

24	210175	B, C	1	Blowout coils with leads and terminals.....
24	235242	D, G	1	Blowout coils with leads and terminals.....
25	100447	B, C, D, G	1	Large copper terminal for blowout coil lead.....
26	411741	B, C	1	Small copper terminal for blowout coil lead.....
26	165744	D, G	1	Small copper terminal for blowout coil lead.....
27	493351	B, C	2	Mica washer for blowout coil ($\frac{17}{32}$ in. by $1\frac{3}{4}$ in. by 0.010 in.).....
27	165745	D, G	2	Mica washer for blowout coil ($\frac{21}{32}$ in. by $1\frac{3}{4}$ in. by 0.030 in.).....
	139044	B, C	2	Mica disk for blowout coil.....
	100448	"	2	Insulation for blowout coil.....
	483028	D, G	1	Insulation for blowout coils.....
28	165740	"	2	Sleeve for blowout coil core ($\frac{5}{8}$ in. by $\frac{3}{4}$ in. by $\frac{3}{8}$ in. long, fiber).....
29	139045	B, C, E, G	1	Pawl for handle lever.....
29	165733	D	1	Pawl for handle lever.....
30	139047	B, C	1	Torsion spring for pawl.....
30	729722	D	1	Torsion spring for pawl.....

GEF-405A Parts of Type MS-14 Magnetic Blowout Switches

Ref. No.	Cat. No.	Form	No. Required	Description
30	165735	E, G	1	Torsion spring for pawl.....
31	139046	B, C	1	Bearing post for pawl.....
31	488819	D	1	Bearing post for pawl.....
31	1417200	E	1	Bearing post for pawl.....
31	1487262	G	1	Bearing post for pawl.....
	150279	B, C, E	1	Washer for bearing post ($\frac{13}{16}$ in. by $\frac{13}{16}$ in. by 0.044 in. sherardized)....
	414827	D	1	Washer for bearing post ($\frac{17}{64}$ in. by $\frac{1}{2}$ in. by 0.060 in. brass).....
	113248	G	1	Washer for bearing post ($\frac{17}{64}$ in. by $\frac{1}{2}$ in. by 0.015 in. brass).....
	175539	B, C, E	2	Nut for bearing post (10-30, hex. st'd, sherardized).....
	194951	D	1	Screw fastening bearing post to box (10-30, $\frac{5}{8}$ in. f.h. sherardized)....
	199096	G	1	Screw fastening bearing post to box (10-30, $\frac{3}{4}$ in. f.h. sherardized)....
	178654	All Forms	1	Spring cotter for bearing post ($\frac{5}{64}$ in. by $\frac{5}{8}$ in. sherardized).....
32	132345	B, C	1	Connection plate between bearing post and fulcrum post.....
32	493363	D	1	Connection plate between bearing post and fulcrum post.....
32	1444334	E, G	1	Connection plate between bearing post and fulcrum post.....

GENERAL ELECTRIC COMPANY

GENERAL OFFICE



SCHENECTADY, N. Y.

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