

General Electric Company

Schenectady, N.Y.

011

October, 1924

*Bulletin No. 54725B

PARTS OF TYPE MS-46 FORMS A, B, C, D, F, G, H, J, K AND L MAGNETIC BLOWOUT SWITCHES

Cat. No.	Description
170583	TYPE MS-46 FORM D SWITCH. Does not have magnetic blowout.....
170586	TYPE MS-46 FORM F MAGNETIC BLOWOUT SWITCH, 13 amperes, 600 volts, continuous capacity.....
170565	TYPE MS-46 FORM G MAGNETIC BLOWOUT SWITCH, 10 amperes, 600 volts, continuous capacity.....
194945	TYPE MS-46 FORM H MAGNETIC BLOWOUT SWITCH, 13 amperes, 600 volts, continuous capacity.....
194947	TYPE MS-46 FORM J SWITCH. Does not have magnetic blowout.....
194952	TYPE MS-46 FORM K MAGNETIC BLOWOUT SWITCH, 30 amperes, 600 volts, continuous capacity.....
194953	TYPE MS-46 FORM L MAGNETIC BLOWOUT SWITCH, 13 amperes, 600 volts, continuous capacity.....

The Type MS-46 Forms A, B and C Magnetic Blowout Switches have been superseded by the Type MS-46 Forms H, J and K Magnetic Blowout Switches respectively. For the convenience of customers having the superseded switches their parts are also listed.

Following are the parts:

Cat. No.	Switch Form	No. Per Switch	Description
132327	A, B, C, D, H, K	1	Switch box.....
170587	F	1	Switch box.....
170566	G	1	Switch box.....
194948	J	1	Switch box.....
194954	L	1	Switch box.....
132328	A, B, C, D, F, G	1	Front cover for switch box.....
175738	H, J, K, L	1	Front cover for switch box.....
423608	A, B, C, D, F, H, J, K, L	1	Back cover for switch box.....
170568	G	1	Back cover for switch box.....
165801	All Forms	1	Hinge pin for front cover ($\frac{1}{8}$ in. by $4\frac{1}{8}$ in. split ends).....
179482	A, B, C, D, F, H, J, K, L	4	Screw fastening back cover to switch box (No. 6, $\frac{5}{8}$ in. f. h. sherardized).....
194856	G	4	Screw fastening back cover to switch box (No. 6, 1 in. f. h. sherardized)
170569	G	1	Arc deflector, front.....
165802	H, K	1	Arc deflector, front.....
170570	G	1	Arc deflector, back.....
175739	H, K	1	Arc deflector, back.....
170571	G	2	Arc deflector, side.....
170572	G	1	Arc deflector, end.....

NOTE.—Data subject to change without notice.
*Supersedes Bulletin No. 54725A

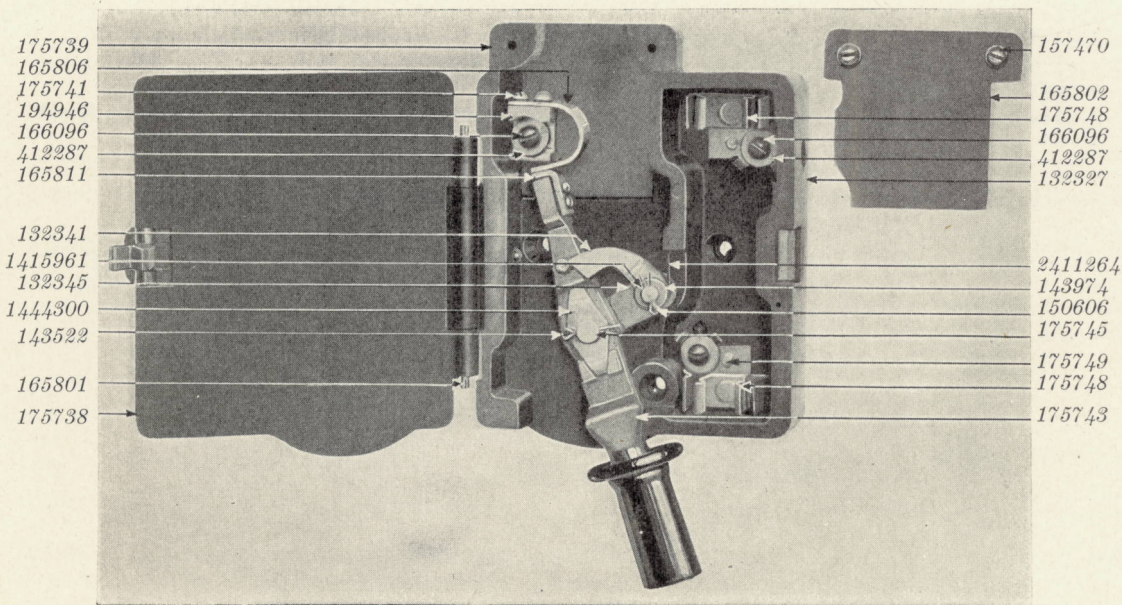
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54725B-2 Type MS-46 Forms A, B, C, D, F, G, H, J, K, L Magnetic Blowout Switches

Cat. No.	Switch Form	No. Per Switch	Description
175561	G	2	Screw fastening arc deflector front to arc deflector side (10-30, 1/2 in. r. h. sherardized).....
157470	H, K	2	Screw fastening arc deflector front to arc deflector back (10-30, 1/2 in. r. h. brass).....
150279	G, H, K	2	Washer for No. 175561 or 157470 (13/32 in. by 13/32 in. by 0.044 in. sherardized)
154191	H, K	2	Spring lock washer for No. 157470 (13/32 in. by 25/64 in. by 0.0625 in.)....
194940	G	4	Screw fastening arc deflector side or end to back (10-30, 1 in. f. h. sherardized).....
2623781G1	H	1	Auxiliary arc chute (special for mine locomotive service).....
132331	A, B, C, D, F, G	1	TERMINAL BLOCK with contact spring.....
194946	H, K, L	1	Terminal block with contact spring.....
175740	J	1	Terminal block with contact spring.....
437742	A, B, C, D, F, G, J	1	Contact spring.....
165806	H, K, L	1	Contact spring.....
175741	All Forms	2	Screw fastening contact spring to terminal block (8-36, 5/16 in. r. h. sherardized).....
154190	All Forms	2	Spring lock washer for No. 175741 (3/16 in. by 3/8 in. by 0.031 in.)....
438666	A, B, C, D, F, G	1	Terminal plate for terminal block.....
206209	A, B, C, D, F, G	1	Binding screw for terminal plate (10-30, 5/16 in. r. h. sherardized)....
166096	H, J, K, L	1	Connection screw for terminal block (10-30, 3/8 in. r. h. sherardized)
412287	H, J, K, L	1	Washer for No. 166096 (13/32 in. by 5/8 in. by 0.060 in. brass).....
154191	All Forms	1	Spring lock washer for No. 206209 or 166096 (13/32 in. by 25/64 in. by 0.0625 in.).....
423729	A, B, C, D, F, J, L	1	Burning plate under terminal block.....
205086	All Forms	2	Screw fastening terminal block in position (8-36, 5/8 in. f. h. sherardized)
132334	A, B, C, D, F, G	1	Handle lever with handle and copper contact.....
175743	H, J, K, L	1	Handle lever with handle and copper contact.....
132335	A, B, C, D, F, G	1	Copper contact with rivets.....
165811	H, J, K, L	1	Copper contact with rivets.....
132336	A, F, H, L	1	Blowout coil.....
132337	C, K	1	Blowout coil.....
170574	G	1	Blowout coil.....
132338	A, B, C, D, F	1	Pole piece with terminal and fulcrum pin for handle lever.....
170575	G	1	Pole piece with fulcrum pin for handle lever.....
175745	H, K, L	1	Pole piece with terminal and fulcrum pin for handle lever.....
194949	J	1	Fulcrum pin with support, for handle lever.....
49388	A, B, C, D, F, H, K, L	1	Screw fastening pole piece in position (14-24, 3/4 in. f. h. brass).....
62289	G	1	Screw fastening pole piece in position (14-24, 1 in. f. h. brass).....
406414	A, B, C, D, F, H, K, L	1	Insulation bushing for No. 49388.....
170577	G	1	Insulation bushing for No. 62289.....
148921	J	1	Screw fastening support for fulcrum pin in position (14-24, 1/2 in. f. h. sherardized).....
150479	J	1	Nut for No. 148921 (14-24, hex. st'd, sherardized).....
154194	J	1	Spring lock washer for No. 150479 (17/64 in. by 29/64 in. by 5/64 in. thick)....
1444300	All Forms	1	Spring washer for handle lever fulcrum.....

Type MS-46 Forms A, B, C, D, F, G, H, J, K, L Magnetic Blowout Switches 54725B-8

Cat No.	Switch Form	No. Per Switch	Description
141259	A, B, C, D, F, G	1	Washer for handle lever fulcrum ($\frac{13}{32}$ in. by $\frac{3}{4}$ in. by 0.0625 in. sherardized).....
143522	All Forms	1	Spring cotter for handle lever fulcrum ($\frac{3}{32}$ in. by $\frac{3}{4}$ in. sherardized)...
411741	G	1	Copper terminal for pole piece.....
170576	G	1	Screw fastening terminal to pole piece (10-30, $\frac{1}{4}$ in. r. h. sherardized).
150279	G	1	Washer for No. 170576 ($\frac{13}{32}$ in. by $\frac{13}{32}$ in. by 0.044 in. sherardized).....
154191	G	1	Spring lock washer for No. 170576 ($\frac{13}{32}$ in. by $\frac{25}{64}$ in. by 0.0625 in.).....
132340	A, B, C, D, F, H, K, L	1	Mica insulation between pole piece and switch box.....



TYPE MS-46 FORM H MAGNETIC BLOWOUT SWITCH

170578	G	1	Mica insulation between pole piece and switch box.....
170579	G	1	Mica insulation between pole piece and blowout coil.....
132341	All Forms	1	Pawl for handle lever.....
132342	A, B, C, D, F	1	Pivot pin for pawl.....
170580	G	1	Pivot pin for pawl.....
1415961	H, J, K, L	1	Pivot pin for pawl.....
2411264	All Forms	1	Spring for pawl.....
174922	A, B, C, D, F, G	2	Nut for pivot pin (10-30, hex. st'd, brass).....
175539	H, J, K, L	2	Nut for pivot pin (10-30, hex. st'd, sherardized).....
150279	All Forms	1	Washer for pivot pin ($\frac{13}{32}$ in. by $\frac{13}{32}$ in. by 0.044 in. sherardized).....
143974	All Forms	1	Washer for pivot pin ($\frac{17}{64}$ in. by $\frac{1}{2}$ in. by 0.0625 in. sherardized).....
150606	All Forms	1	Spring cotter for pivot pin ($\frac{5}{64}$ in. by $\frac{1}{2}$ in. sherardized).....
132345	A, B, C, D, F, H, K, L	1	Connection plate for handle lever fulcrum and pivot pin.....
170581	G	1	Connection plate for handle lever fulcrum and pivot pin.....
194950	J	1	Connection plate for handle lever fulcrum and pivot pin.....

54725B-4 Type MS-46 Forms A, B, C, D, F, G, H, J, K, L Magnetic Blowout Switches

Cat. No.	Switch Form	No. Per Switch	Description
194951	J	1	Screw fastening connection plate in position (10-30, 5/8 in. f.h. sherardized).....
175539	J	1	Nut for No. 194951 (10-30, hex. st'd, sherardized).....
154191	J	1	Spring lock washer for No. 175539 (1/4 in. by 3/16 in. by 0.0625 in.).....
170582	A, B, C, G	2	FUSE CLIP with guard and connection plates.....
170585	D	2	FUSE CLIP with terminal plate.....
170582	F	1	FUSE CLIP with guard and connection plate, upper.....
170588	F	1	FUSE CLIP with guard and connection plate, lower.....
175748	H, J, K, L	2	FUSE CLIP with guard and connection plate.....
438666	A, B, C, F, G	2	Connection plate for fuse clip.....
166096	A, B, C, F, G, H, J, K, L	2	Connection screw for connection plate (10-30, 3/8 in. r. h. sherardized)
154191	A, B, C, F, G, H, J, K, L	2	Spring lock washer for No. 166096 (1/4 in. by 3/16 in. by 0.0625 in.)...
412287	H, J, K, L	2	Washer for No. 166096 (1/4 in. by 5/8 in. by 0.060 in. brass).....
175749	All Forms	2	Screw fastening fuse clip in position (10-30, 5/16 in. f. h. sherardized)...

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