

General Electric Company

Schenectady, N.Y.

SUPPLY DEPARTMENT

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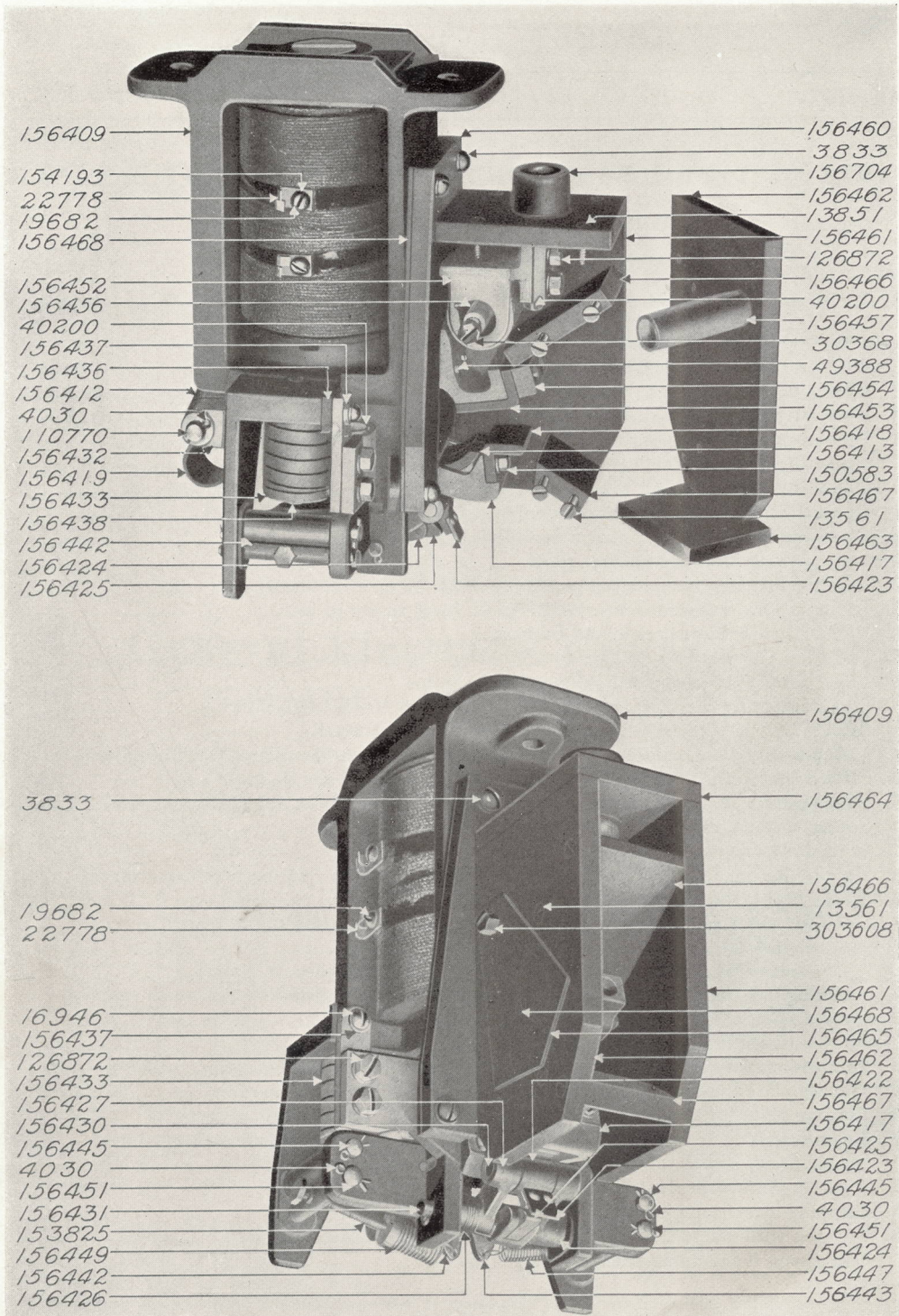
PARTS OF TYPE DB-105, FORMS A AND B CIRCUIT BREAKERS

TYPE DB-105, FORM A CIRCUIT BREAKER

Cat. No.	Description
156408	TYPE DB-105, FORM A CIRCUIT BREAKER, 300 AMP., 600 VOLTS, complete.....
	<i>Following are the parts:</i>
30345	OPERATING MAGNET SPOOL, wound complete, Form A4.....
30346	Operating magnet spool, wound complete, Form A5.....
30347	Operating magnet spool, wound complete, Form A6.....
40125	Operating magnet spool, wound complete, Form A7.....
40126	Operating magnet spool, wound complete, Form A8.....
47550	Operating magnet spool, wound complete, Form A9.....
47551	Operating magnet spool, wound complete, Form A10.....
47552	Operating magnet spool, wound complete, Form A11.....
22778	Copper terminal for magnet spool.....
19682	Screw fastening terminal in position (14-24, $\frac{3}{8}$ in. r. h. blued).....
154193	Spring lock washer for No. 19682 ($\frac{17}{64}$ in. by $\frac{29}{64}$ in. by $\frac{3}{64}$ in.).....
156409	FRAME with magnet pole and bushing.....
156410	Bushing for plunger (1 $\frac{1}{2}$ in. by 1 $\frac{5}{8}$ in. by 1 $\frac{1}{8}$ in. brass).....
156411	Fibre cleat, two parts, for holding wires to frame.....
131401	Screw fastening cleats to frame (10-32, $\frac{5}{8}$ in. r. h.).....
156412	MAIN CONTACT LEVER, complete, with contact brush.....
156413	Brush, complete, consists of 15 copper laminations, inside and outside phosphorus bronze strips
10298	Screw fastening No. 156413 to main contact lever (14-24, $\frac{7}{8}$ in. f. h.).....
110770	Hinge pin for main contact lever and frame ($\frac{7}{16}$ in. by 3 $\frac{3}{8}$ in. long, tobin bronze).....
4030	Spring cotter for No. 110770 ($\frac{3}{8}$ in. by $\frac{5}{8}$ in.).....
156414	Plunger for operating magnet spool.....
156416	Bearing pin for main contact lever and plunger ($\frac{7}{16}$ in. by 3 $\frac{1}{8}$ in. long, sherardized).....
16076	Spring cotter for No. 156416 ($\frac{1}{8}$ in. by 1 in.).....
156417	SECONDARY CONTACT LEVER, complete, with contact tip.....
156418	Contact tip.....
150583	Cap screw fastening contact tip to lever (14-24, $\frac{5}{8}$ in. hex. h. slot.).....
154193	Spring lock washer for No. 150583 ($\frac{17}{64}$ in. by $\frac{29}{64}$ in. by $\frac{3}{64}$ in.).....
153807	Compression spring for secondary contact lever and frame.....
42546	Fibre bushing for compression spring.....
156419	Shunt for main contact lever and frame, consists of 5 lamination strips, drilled.....
156421	Washer plate for shunts.....
153800	Binding plate for shunts.....
56743	Screw fastening Nos. 156420, 156421, 153800 to levers and to magnet frame (14-24, $\frac{1}{2}$ in. f. h.).....
156422	Toggle lever, complete, with catch plate and rivets.....
156423	Catch plate with rivets.....
156424	Tripping lever, complete, with catch and rivets.....
156425	Catch with rivets.....
156426	Coil spring for tripping lever.....

NOTE.—The data in this publication are for the convenience of customers, and every effort is made to avoid error, but this Company does not guarantee their correctness, nor does it hold itself responsible for any errors or omissions in this publication. Subject to change without notice.

54743-2 Parts of Type DB-105, Forms A and B Circuit Breakers



Parts of Type DB-105, Forms A and B Circuit Breakers 54743-3

Cat. No.	Description
156427	Toggle link for toggle and tripping levers
156428	Hinge pin for toggle and contact levers ($\frac{3}{8}$ in. by $2\frac{5}{8}$ in. long, sp'l, tobin bronze)
156429	Set screw for No. 156428 and main contact lever (10-32, $\frac{9}{32}$ in. headless)
156430	Hinge pin for toggle lever and link ($\frac{3}{8}$ in. by $1\frac{3}{8}$ in. long, tobin bronze)
156431	Hinge pin for link and tripping lever ($\frac{3}{8}$ in. by $4\frac{1}{8}$ in. long)
156816	Spring cotter for No. 156430 and link ($\frac{3}{32}$ in. by $\frac{7}{8}$ in.)
4030	Spring cotter for No. 156431 ($\frac{3}{32}$ in. by $\frac{5}{8}$ in.)
156432	Stop for operating mechanism
51726	Screw fastening No. 156432 to frame ($\frac{5}{16}$ in.-18, $\frac{5}{8}$ in. f. h.)
156433	OVERLOAD TRIPPING COIL, complete, with terminal and bushing
40200	Bushing for terminal
126872	Binding cap screw for terminal ($\frac{5}{16}$ in.-18, $\frac{5}{8}$ in. hex. h. slot. sherardized)
154195	Spring lock washer for No. 126872 ($\frac{21}{64}$ in. by $\frac{37}{64}$ in. by $\frac{3}{64}$ in.)
26858	Screw fastening overload tripping coil to frame (14-24, $\frac{5}{8}$ in. f. h. brass)
156435	Copper washer plate for No. 26858
156436	Insulation for overload tripping coil terminal and frame
19646	Screw fastening overload tripping coil terminal to frame (14-24, 1 in. r. h.)
156437	Fibre insulation bushing for No. 19646
14426	Washer for No. 19646 ($\frac{11}{64}$ in. by $\frac{1}{2}$ in. by 0.060 in. brass)
156438	Core for overload tripping coil, sherardized
156439	Mica insulation sleeve for No. 156438 ($\frac{3}{4}$ in. by $\frac{7}{8}$ in. by $1\frac{1}{8}$ in.)
156440	SHUNT TRIPPING COIL, complete
22778	Copper terminal for lead
156441	Core for shunt tripping coil
156442	Overload tripping coil armature with spacing pin
156443	Shunt tripping coil armature with spacing pin
156444	Calibrating plate
7101	Screw fastening calibrating plate to shunt coil armature (6-32, $\frac{1}{4}$ in. r. h. brass)
156445	Hinge pin for armatures ($\frac{3}{8}$ in. by $3\frac{3}{4}$ in. long tobin bronze)
4030	Spring cotter for No. 156445 ($\frac{3}{32}$ in. by $\frac{5}{8}$ in.)
156446	Washer for overload coil armature hinge pin ($\frac{3}{32}$ in. by $\frac{3}{4}$ in. by 0.005 in. copper)
156447	Spring for shunt coil armature
156448	Holding pin for shunt coil armature spring
156449	Calibrating spring for overload coil armature
153825	Calibrating screw
156451	Pin for Nos. 156448, 153825 and frame ($\frac{1}{16}$ in. by $3\frac{3}{4}$ in. long, brass)
4030	Spring cotter for No. 156451 ($\frac{3}{32}$ in. by $\frac{5}{8}$ in.)
156452	BLOWOUT COIL, complete, with support terminal, bushing and contact
40200	Bushing for terminal
126872	Binding cap screw for terminal ($\frac{5}{16}$ in.-18, $\frac{5}{8}$ in. hex. h. slot. sherardized)
154195	Spring lock washer for No. 126872 ($\frac{21}{64}$ in. by $\frac{37}{64}$ in. by $\frac{3}{64}$ in.)
156453	Contact
156454	Copper clamp for contact
10298	Screw fastening Nos. 156453, 156454 to blowout coil (14-24, $\frac{7}{8}$ in. f. h.)
49388	Screw fastening blowout coil in position to arc chute back (14-24, $\frac{3}{4}$ in. f. h. brass)
156455	POLE PIECE, to parts, with blowout coil core, and cap screw and insulation sleeve
156456	Blowout coil core
156457	Insulation sleeve for blowout coil core ($\frac{5}{8}$ in. by $\frac{7}{8}$ in. by $3\frac{7}{32}$ in. fibre)
30368	Cap screw for No. 156455 ($\frac{5}{16}$ in.-18, $\frac{1}{2}$ in. hex. h.)
156458	Screw fastening pole piece to arc chute (12-24, $\frac{3}{8}$ in. f. h. brass)
156459	ARC CHUTE, complete, includes screws and washers for fastening in position
3883	Screw fastening chute to frame ($\frac{5}{16}$ in.-18, 1 in. r. h. brass)
154195	Spring lock washer for No. 3883 ($\frac{21}{64}$ in. by $\frac{37}{64}$ in. by $\frac{3}{64}$ in.)
156460	Back plate
156461	Side plate, right-hand
156462	Side plate, left-hand

GENERAL ELECTRIC COMPANY

54743-4 Parts of Type DB-105, Forms A and B Circuit Breakers

Cat. No.	Description
156463	Lower end plate
156464	Upper end plate with bushing and set screw
154704	Bushing for No. 156464
156465	Set screw for No. 156464 (14-24, 1 in. pointed, headless)
156466	Arc deflector, upper
156467	Arc deflector, lower
13851	Screw fastening back plate, upper end plate and side plates together (No. 8, 7/8 in. f. h.)
13561	Screw fastening arc deflectors in position to side plates (12-24, 7/8 in. f. h. brass)
22189	Screw fastening lower end plate to side plates (10-32, 5/8 in. f. h. brass)
156468	Insulation plate between arc chute and frame

TYPE DB-105, FORM B CIRCUIT BREAKER

156469	TYPE DB-105, FORM B CIRCUIT BREAKER, 300 AMP., 600 VOLTS, complete
<i>Following are the parts of Type DB-105, Form B Circuit which differ from those of Type DB-105, Form A:</i>	
156470	FRAME with magnet pole and bushing
153838	Stop adjustment cap screw (14-24, 3/4 in. hex. h. slot)
156471	Locknut for No. 153838
156472	Supporting bracket for stop adjustment screw
13140	Screw fastening No. 156472 to frame (10-32, 5/8 in. r. h.)
148636	Spring lock washer for No. 13140 (1/4 in. by 3/16 in. by 0.031 in.)

General Electric Company

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