

General Electric Company

Schenectady, N.Y.

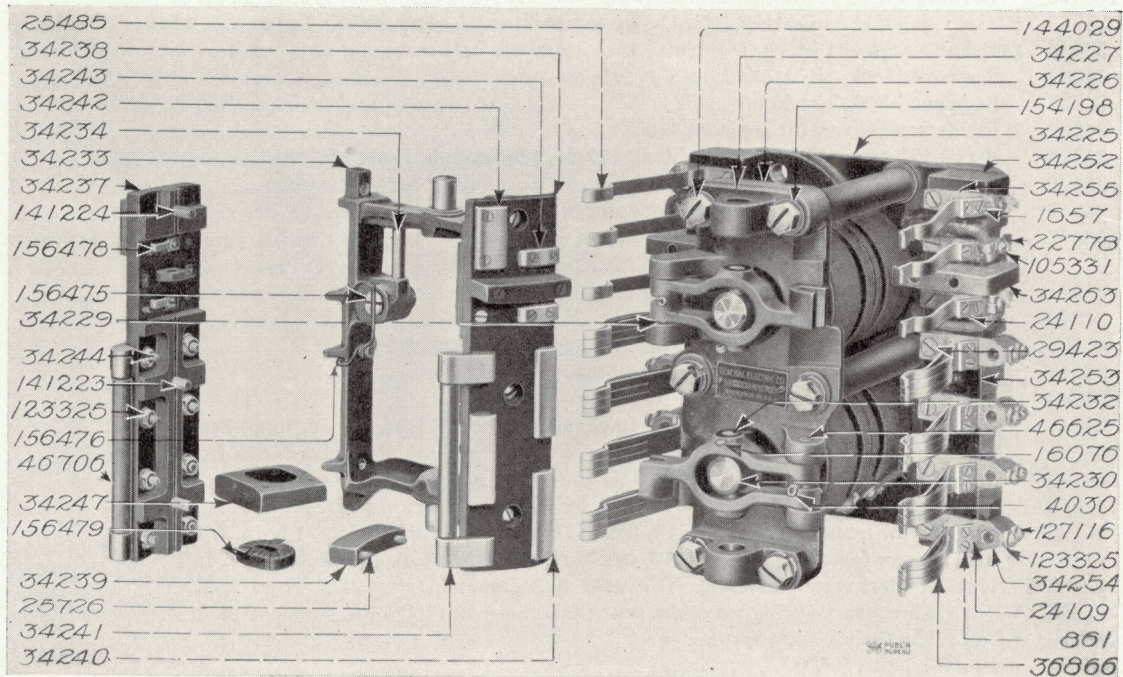
SUPPLY DEPARTMENT

May, 1914

*Bulletin No. 54730

PARTS OF TYPE DB-21, FORMS A, B AND C REVERSERS

TYPE DB-21, FORM A REVERSER



Cat. No.	Description
30345	OPERATING MAGNET SPOOL, wound complete, DB-21-A3.....
30346	Operating magnet spool, wound complete, DB-21-A4.....
30347	Operating magnet spool, wound complete, DB-21-A5.....
30348	Operating magnet spool, wound complete, DB-21-A6.....
40125	Operating magnet spool, wound complete, DB-21-A7.....
40126	Operating magnet spool, wound complete, DB-21-A8.....
47550	Operating magnet spool, wound complete, DB-21-A9.....
47551	Operating magnet spool, wound complete, DB-21-A10.....
47552	Operating magnet spool, wound complete, DB-21-A11.....
22778	Copper terminal for magnet spool.....
105331	Screw fastening terminal in position (14-24, $\frac{3}{8}$ in. r. h. sherardized).....
154193	Spring lock washer for No. 105331 ($\frac{17}{64}$ in. by $\frac{29}{64}$ in. by $\frac{3}{4}$ in. thick).....
34225	Base plate, complete, with supporting studs for bearing plate and magnet poles.....
34226	Bearing plate with bearing caps, cap screws, lock washers and brass bushings.....
34227	Bearing cap for bearing plate.....

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.

*Supersedes in part Bulletin No. 4692.

54730-2 Parts of Type DB-21, Forms A, B and C Reversers

Cat. No.	Description
144029	Cap screw fastening bearing caps and bearing plate to supporting studs ($\frac{1}{2}$ in.-13, $1\frac{1}{4}$ in. hex. h. slot. sherardized)
154198	Spring lock washer for No. 144029 ($\frac{13}{32}$ in. by $1\frac{1}{2}$ in. by $\frac{1}{8}$ in. thick)
34228	Operating arm, complete, includes plunger and hinge pins with spring cotters
34229	Operating arm
34230	Plunger
46625	Hinge pin for operating arm and bearing plate ($\frac{7}{16}$ in. by $2\frac{3}{8}$ in.)
34232	Hinge pin for operating arm and plunger ($\frac{7}{16}$ in. by $2\frac{1}{4}$ in.)
4030	Spring cotter for No. 46625 ($\frac{3}{8}$ in. by $\frac{5}{8}$ in.)
16076	Spring cotter for No. 34232 ($\frac{1}{8}$ in. by 1 in.)
34233	FRAME FOR SEGMENT BLOCKS, complete, includes bearing pins for plunger levers, adjustable stop pieces and bearing pivots with phosphor bronze washers
34234	Bearing pin with rivet ($\frac{7}{16}$ in. by $2\frac{1}{2}$ in.)
156475	Adjustable stop piece
156476	Locking spring for adjustable stop piece
34235	RIGHT-HAND SEGMENT BLOCK, complete, with segments and magnetic blowout device
34236	Left-hand segment block, complete, with segments and magnetic blowout device
34237	Segment block, right-hand
34238	Segment block, left-hand
34239	Insulation barrier for segment block
25726	Screw fastening No. 34239 to block (10-24, $1\frac{1}{4}$ in. f. h. brass)
25498	Nut for No. 25726 (10-24, brass, sp'l)
34240	Double contact segment with studs, for wide fingers
156477	Single contact segments for wide fingers, includes two segments with connection rod and insulation sleeve
34241	Single contact segment with stud, for No. 156477
34246	Connection rod for No. 156477 (6 in. long)
46706	Insulation sleeve for No. 34246
34242	Double contact segment for narrow fingers
34243	Single contact segment for narrow fingers
34244	Stud fastening Nos. 34240, 34241 to segment block (14-24, $1\frac{1}{16}$ in. long, brass)
123325	Nut for No. 34244 (14-24, $\frac{3}{16}$ in. thick, $\frac{1}{2}$ in. across flats, hex. cham. one side sherardized)
154193	Spring lock washer for No. 123325 ($\frac{13}{16}$ in. by $\frac{3}{4}$ in. by $\frac{3}{4}$ in. thick)
143960	Washer for No. 34244 ($\frac{17}{16}$ in. by $\frac{1}{2}$ in. by 0.034 in. sherardized)
25726	Long screw fastening Nos. 34242, 34243 to segment block (10-24, $1\frac{1}{4}$ in. f. h. brass)
1397	Short screw fastening Nos. 34242, 34243 to segment block (10-24, $\frac{3}{4}$ in. f. h. brass)
25498	Nut for short screw fastening No. 34242 to segment block (10-24, brass, sp'l)
156478	* Nut with contact spring for short screw fastening No. 34243 to segment block (10-24 sp'l)
156479	* Coil for magnetic blowout device
34247	Box for No. 156479
25731	Screw fastening No. 34247 to block (10-24, 1 in. f. h. brass)
141224	Short screw fastening segment block to frame ($\frac{5}{16}$ in.-18, $1\frac{1}{4}$ in. r. h. sherardized)
141223	Long screw fastening segment block to frame ($\frac{5}{16}$ in.-18, $1\frac{3}{4}$ in. r. h. sherardized)
154196	Spring lock washer for Nos. 141224, 141223 ($\frac{3}{4}$ in. by $\frac{3}{4}$ in. by $\frac{5}{16}$ in. thick)
133472	Washer for Nos. 141224, 141223 ($\frac{3}{4}$ in. by $\frac{5}{8}$ in. by 0.034 in. sherardized)
34249	CONTACT BLOCK FOR NARROW CONTACT FINGERS, right-hand, complete, without contact fingers
34250	Contact block for narrow contact fingers, left-hand, complete, without contact fingers
34251	Contact block for wide contact fingers, complete, without contact fingers
34252	Contact block for narrow fingers
34253	Contact block for wide fingers
34254	Wide contact base
34255	Narrow contact base

* A number of DB-21-A reversers are in use having blowout coils with brass nuts soldered to the leads. The reverser as now manufactured is fitted with blowout coils with copper contact plates, making contact with a segment screw nut with contact spring. Therefore customers having reversers with the old style blowout coils and desiring new coils should order both the coil and the nuts with contact springs, catalog numbers 156478, 156479.

Parts of Type DB-21, Forms A, B and C Reversers 54730-3

Cat. No.	Description
29423	Screw fastening contact base to block (14-24, 1 1/4 in. f. h.)
34256	Nut for No. 29423 (14-24, sq. sp'l)
156480	Washer for No. 29423 (1/4 in. hole, countersunk, sp'l)
22778	Copper terminal for No. 34255
105331	Screw fastening terminal to contact base (14-24, 3/8 in. r. h. sherardized)
154193	Spring lock washer for No. 105331 (17/64 in. by 29/64 in. by 3/64 in. thick)
127116	Binding screw for wide contact base (14-24, 5/8 in. r. h. sherardized)
123325	Check nut for No. 127116 (14-24, 3/16 in. thick, 1/2 in. across flats, hex. cham. one side, sherardized)
131044	Screw fastening Nos. 34249, 34250, 34251 to base plate (5/16 in.-18, 1 1/2 in. r. h. sherardized)
154196	Spring lock washer for No. 131044 (21/64 in. by 37/64 in. by 5/64 in. thick)
133472	Washer for No. 131044 (31/64 in. by 5/8 in. by 0.034 in. sherardized)
36866	WIDE REINFORCED CONTACT FINGER with shunt
25485	Narrow contact finger
	The DB-21-A reverser was originally fitted with wide reinforced contact fingers with stop and brass tip. This finger and parts are also listed as follows:
34258	Wide reinforced contact finger, complete, with spring, shunt and stop
34261	Support for No. 34258
33854	Adjusting screw for No. 34258 (14-24, 1 in. hex. h. slot. sp'l)
34262	Locking spring for adjusting screw
2029	Screw fastening No. 34258 to contact base (8-32, 3/4 in. f. h.)
861	Screw fastening No. 36866 to contact base (8-32, 5/8 in. f. h.)
1657	Screw fastening No. 25485 to contact base (8-32, 3/8 in. f. h.)
24109	Double washer for Nos. 861, 2029
24110	Double washer for No. 1657
34263	Insulation barrier for narrow contact fingers
10392	Screw fastening barrier to contact block (No. 8, 1 1/2 in. f. h.)

TYPE DB-21, FORM B REVERSER

Following are the parts of the Type DB-21, Form B reverser which differ from those of the Type DB-21, Form A:

156481	BASE PLATE, complete, with supporting studs for bearing plate and magnet poles
156482	CONTACT BLOCK FOR WIDE CONTACT FINGERS, right-hand, complete, without contact fingers
156483	Contact block for wide contact fingers, left-hand, complete, without contact fingers
156484	Wide contact base for No. 156482
156485	Wide contact base for No. 156483
112101	Clamp for wide contact base
17366	Clamping screw for No. 112101 (5/16 in.-18, 7/8 in. hex. h. slot. sherardized, cap screw)

TYPE DB-21, FORM C REVERSER

Following are the parts of the Type DB-21, Form C reverser which differ from those of the Type DB-21, Form A:

156481	BASE PLATE, complete, with supporting studs for bearing plates and magnet poles
156486	CONTACT BLOCK FOR WIDE CONTACT FINGERS, right-hand, complete, without contact fingers
156487	Contact block for wide contact fingers, left-hand, complete, without contact fingers
156488	Wide contact base for No. 156486
156489	Wide contact base for No. 156487
155822	Clamp for wide contact base
112303	Clamping screw for No. 155822 (5/16 in.-18, 1 in. hex. h. slot. sherardized, cap screw)
156490	Terminal bushing for wide contact base (1/4 in. cable hole)

GENERAL ELECTRIC COMPANY

PRINCIPAL OFFICES, SCHENECTADY, N. Y.

SALES OFFICES

(Address nearest office)

Atlanta, Ga.	Third National Bank Building
Baltimore, Md.	Electrical Building
Birmingham, Ala.	Brown-Marx Building
Boise, Idaho	Idaho 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	The Illuminating Building
Columbus, Ohio	Columbus Savings & Trust Building
Dayton, Ohio	Schwind Building
Denver, Colo.	First National Bank Building
Des Moines, Iowa	The Hippee-Polk Building
Detroit, Mich.	Dime Savings Bank Bldg. (Office of Soliciting Agent)
Elmira, N. Y.	Hulett 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
Milwaukee, Wis.	Public Service 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.	30 Church Street
Niagara Falls, N. Y.	Gluck Building
Omaha, Neb.	Union Pacific Building
Philadelphia, Pa.	Witherspoon Building
Pittsburg, 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	Wick Building

For TEXAS, OKLAHOMA and ARIZONA Business refer to
 Southwest General Electric Co. (Formerly Hobson Electric Co.)
 Dallas, Tex. 1701 N. Market Street
 El Paso, Tex. 500-2 San Francisco Street
 Houston, Tex. Third and Washington Streets
 Oklahoma City, Okla. Insurance Building

Motor Agencies in all large cities and towns.

FOREIGN SALES OFFICES { Schenectady, N. Y., Foreign Dept.
 { New York, N. Y., 30 Church Street
 { London, E. C., England, 83 Cannon Street

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