

Part Catalogue No. 6192-2

April, 1925

For prices refer to Catalogue 10-A or apply to nearest District Office

PARTS OF
Westinghouse
Type E-2 Oil Circuit-Breakers

Manually and Electrically Operated
Automatic and Non-Automatic
Single Throw, Remote Control, 2, 3 and 4 Poles
Cell Mounting

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Index to Style Numbers..... 26-27

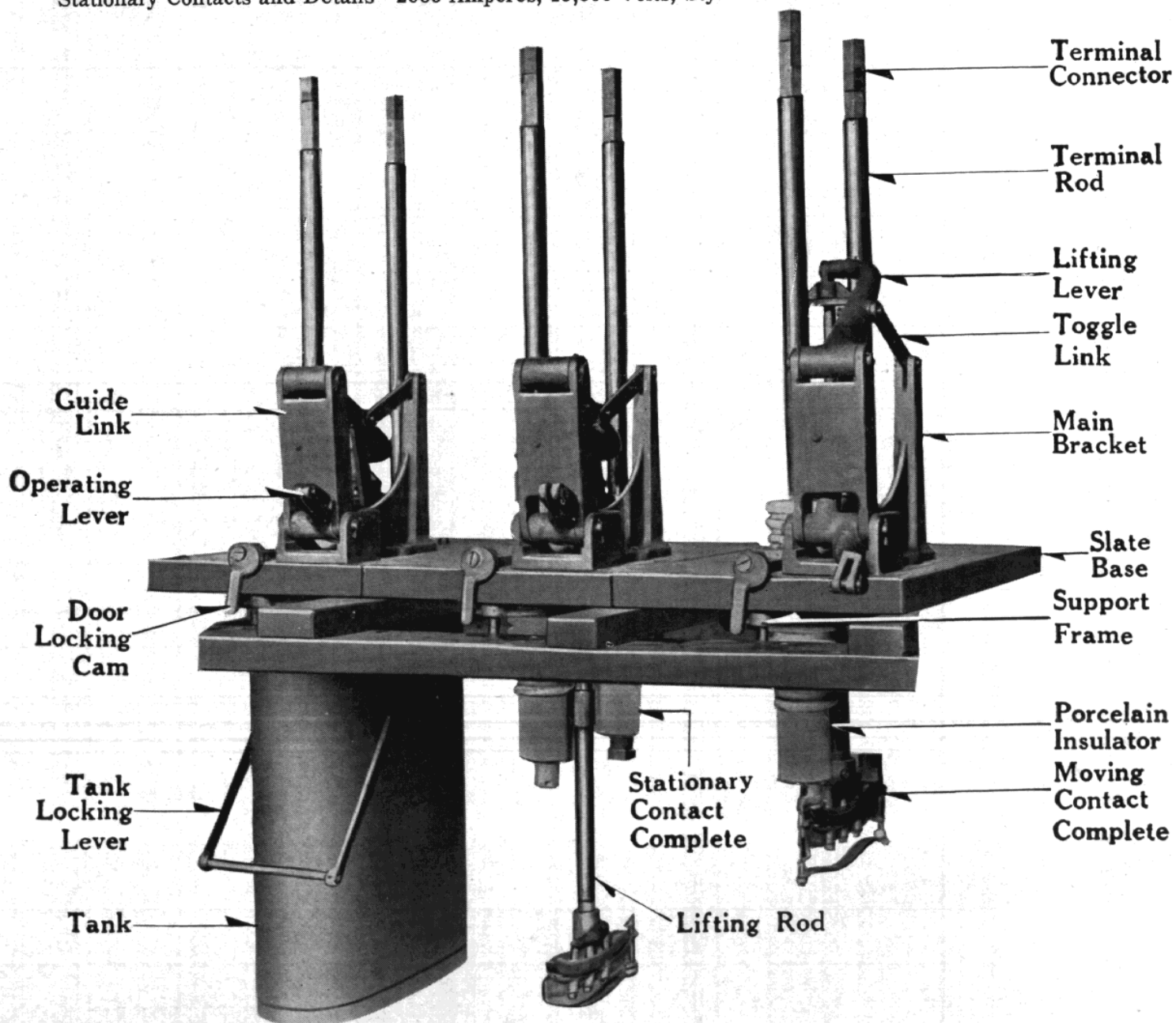
When ordering repair parts give the complete Name Plate Reading. Always give the name of the part wanted and the Style Number or the Stock Order Number of the breaker on which the part is to be used.



WESTINGHOUSE ELECTRIC & MANUFACTURING COMPANY
East Pittsburgh, Pa.

Printed in U. S. A.

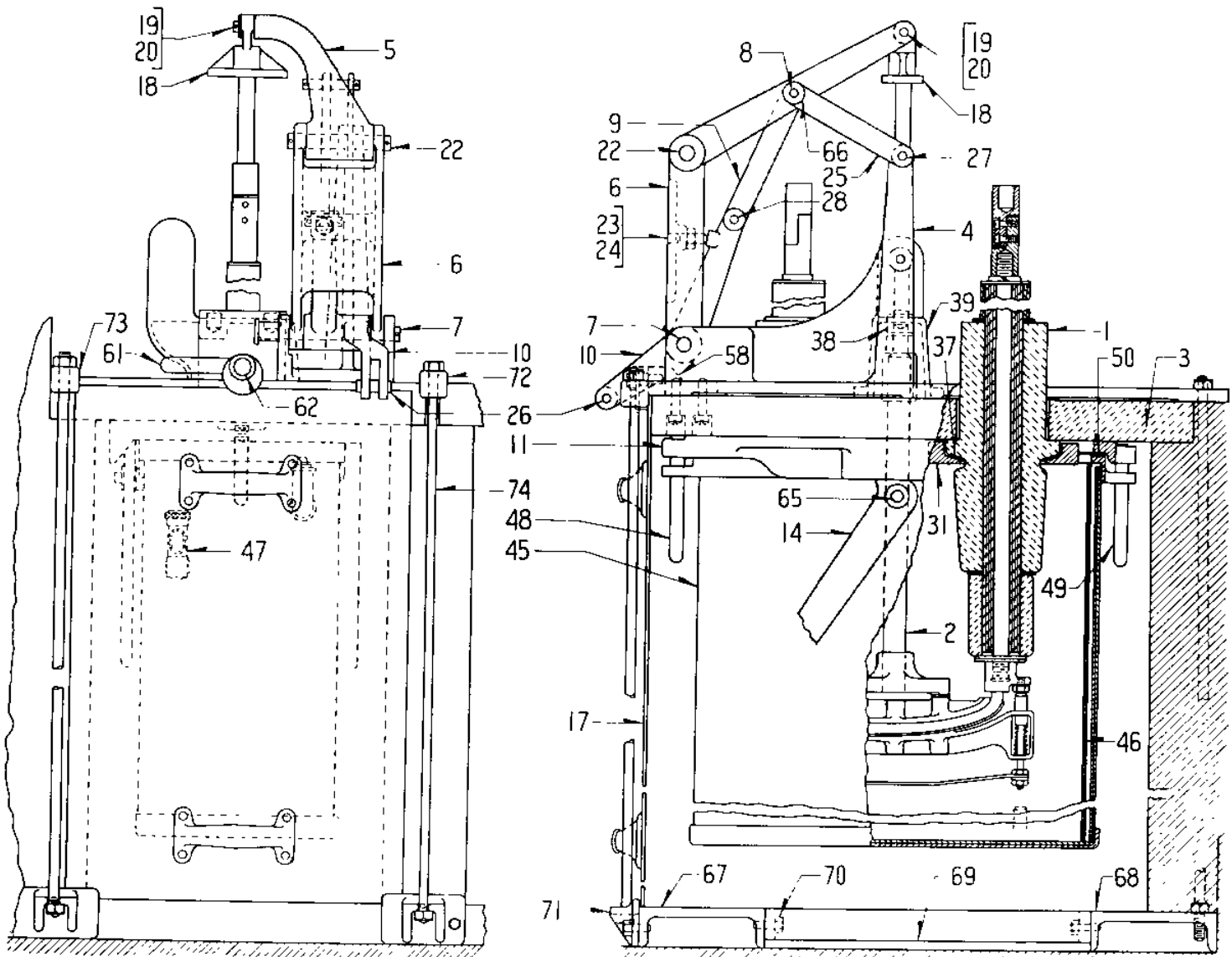
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TYPE E-2 OIL CIRCUIT-BREAKER, 300 AMPERES, 35,000 VOLTS

MAIN ASSEMBLY DETAILS

300 to 2000 Amperes, 15,000 to 35,000 Volts



ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

All Parts are Interchangeable Unless Otherwise Specified

Parts Common to 300, 600 and 1200 Ampere Breakers

Ref. No.	Style No.	No. Per Pole	Description
1	422163	2	Stationary contact complete for 300 amperes. For details see Page 6
1	422184	2	Stationary contact complete for 600 amperes. For details see Page 6
1	415055	2	Stationary contact complete for 1200 amperes. For details see Page 7
2	415023	1	Moving contact complete for 300 amperes. For details see Page 9
2	415049	1	Moving contact complete for 600 amperes. For details see Page 10
2	415054	1	Moving contact complete for 1200 amperes. For details see Page 10
3	201496	1	Slate base
4	415028	1	Main bracket for operating mechanism
5	415029	1	Main lifting lever
6	415031	1	Guide link for lifting lever
7	210717	1	Shaft for guide link and main bracket for 300 amperes
7	92869	1	Shaft for guide link and main bracket for 600 and 1200 amperes

MAIN ASSEMBLY DETAILS—Continued

Illustrated on Page 3

ORDER PARTS BY STYLE NUMBER AND DESCRIPTION**Parts Common to 300, 600 and 1200 Ampere Breakers**

Ref. No.	Style No.	No. Per Pole	Description
8	195103	1	Shaft for lifting lever and toggle link
9	197873	1	Toggle link from lifting lever to operating lever
10	415030	1	Operating lever
11	415034	1	Support for oil tank
12*	.....	4	Tap bolt, $\frac{3}{4}$ "x2 $\frac{3}{4}$ " (standard hardware), to fasten support to base
13*	3300	4	Washer for bolt
14	233239	1	Right hand locking lever for tank for 300 amperes
14	415050	1	Right hand locking lever for tank for 600 and 1200 amperes
15*	233240	1	Left hand locking lever for tank for 300 amperes
15*	415051	1	Left hand locking lever for tank for 600 and 1200 amperes
16*	255976	1	Handle for locking lever for 300 amperes
16*	92710	1	Handle for locking lever for 600 and 1200 amperes
17	415035	1	Door complete
18	415027	1	Rod end for steel lifting rod and lifting lever

Parts for 2000 Ampere Breakers Only

1	415076	2	Stationary contact complete. For details see Page 8
2	415065	1	Moving contact complete. For details see Page 11
3	415059	1	Slate base
4	415079	1	Main bracket for operating mechanism
5	415077	1	Main lifting lever
6	415062	1	Guide link for lifting lever
7	92869	1	Shaft for guide link and main bracket
8	415080	1	Shaft for lifting lever and toggle link
9	415081	1	Toggle link from lifting lever to operating lever
10	415078	1	Operating lever
11	415063	1	Support for oil tank
12*	.....	4	Tap bolt, $\frac{1}{2}$ "x2" (standard hardware), to fasten support
13*	2892	4	Washer for bolt
14	415050	1	Right hand locking lever for tank
15*	415051	1	Left hand locking lever for tank
16*	92710	1	Handle for locking lever
17	415061	1	Door
18	210716	1	Rod end for steel lifting rod and lifting lever

Parts Common to All Amperes

19	194577	1	Shaft for lifting lever and rod end
20	2892	2	Washer for shaft
21*	....	1	Taper pin, No. 2x1 $\frac{1}{4}$ " (standard hardware), for shaft for lifting lever and rod end
22	92736	1	Shaft for lifting lever and guide link
23	....	1	Set screw, $\frac{1}{2}$ "x1 $\frac{3}{4}$ " (standard hardware), used as stop for operating lever
24	.....	1	Lock nut, $\frac{1}{2}$ "-13 (standard hardware), for set screw
25	197874	1	Toggle link from lifting lever to main bracket
26	63613	1	Shaft for operating lever and rod end
27	83813	1	Shaft for main bracket and toggle link
28	63613	1	Shaft for operating lever and toggle link
29*	72281	1	Rod end for operating lever and remote control mechanism for 300, 600 and 1200 amperes
30*	.....	1	Pipe nut, $\frac{3}{4}$ "-10 (standard hardware), for rod end
31	415022	2	Support ring to mount stationary contact
32*	....	6	Fillister head iron machine screw, $\frac{5}{16}$ "-18x2 $\frac{3}{4}$ " (standard hardware), for support ring
33*	3272	6	Washer for screw
34*	.....	6	Lock washer, $\frac{5}{16}$ " (standard hardware), for screw
35*	.....	6	Hexagon iron nut, $\frac{5}{16}$ "-18 (standard hardware), for screw
36*	181709	2	Lead washer used between insulator and slate base
37	181710	2	Lead washer used between insulator and support ring
38	415025	2	Leather bumper

*Not illustrated.

MAIN ASSEMBLY DETAILS—Continued

Illustrated on Page 3

ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Parts Common to All Amperes

Ref. No.	Style No.	No. Per Pole	Description
39	415026	1	Vent
40*	.....	2	Round head stove bolt, 3/8"x2" (standard hardware), to mount vent
41*	3428	2	Washer for bolt
42*	193737	1	Pin for rod end and steel lifting rod
43*	.....	2	Tap bolt, 5/8"x1 3/4" (standard hardware), to mount main bracket
44*	3429	2	Washer for bolt
45	415032	1	Oil tank, without lining or gauge
46	415033	1	Oil tank lining
47	41470	1	Oil gauge
48	193689	1	Guide pin for tank flange, short
49	193690	1	Guide pin for tank flange, long
50	.....	1	Square flax packing, 1/4"x49", for flange and support
51*	415042	1	Tank lifter fork
52*	415043	1	Tank lifter hook
53*	415044	2	Link for fork and hook
54*	415040	1	Shaft for fork and link
55*	442862	2	Spacer for shaft
56*	.....	1	Round head iron rivet, 5/16"x3" (standard hardware), for fork and handle
57*	415041	2	Shaft for link and hook
58	82497	1	Door cam support
59	.....	2	Fillister head iron machine screw, 3/8"-16x1 3/4" (standard hardware), for cam support
60	3415	2	Washer for screw
61	415036	1	Locking cam for door
62	77124	1	Stud for cam
63*†	199488	1	Hand lever for closing breaker
64*	.....	2	C.R.S. rivet ".127x1 1/4" (standard hardware), for handle and locking lever
65	3429	2	Washer on flange pin for locking lever
66	2892	2	Washer for lifting lever and toggle link shaft

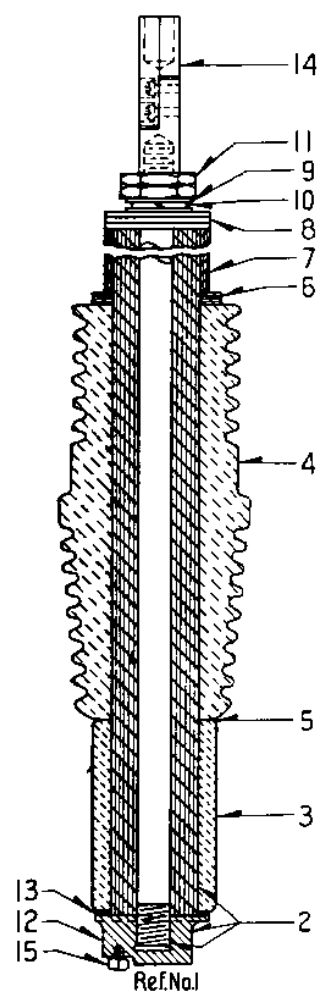
Poles	Ref. No. 67 Front Channels	Ref. No. 68 Rear Channels	Ref. No. 69 Spacers	Ref. No. 70 Tap Bolts for Spaces and Channels	Ref. No. 71 Mounting Brackets	Ref. No. 72 Intermediate Clamps	Ref. No. 73 End Clamps	Ref. No. 74 Tie Rods with Nuts
	One Req'd Style No.	One Required Style No.	Two Req'd Style No.	No. Req. Size	No. Req. Style No.	No. Req. Style No.	Two Req'd Style No.	No. Req. Style No.
2	415046	415045	107400	14 3/8"x1"	3 69765	1 69760	69758	6 415037
3	415039	415038	107400	16 3/8"x1"	4 69765	2 69760	69758	8 415037†
4	415048	415047	107400	18 3/8"x1"	5 69765	3 69760	69758	10 69777

*Not illustrated.
†The 2000 ampere breaker takes a different tie rod with nuts, Style No. 415060.
‡Not part of breaker—usually one required per station.

STATIONARY CONTACTS AND DETAILS

300 Amperes, 35,000 Volts, Style No. 422163

600 Amperes, 25,000 Volts, Style No. 422184



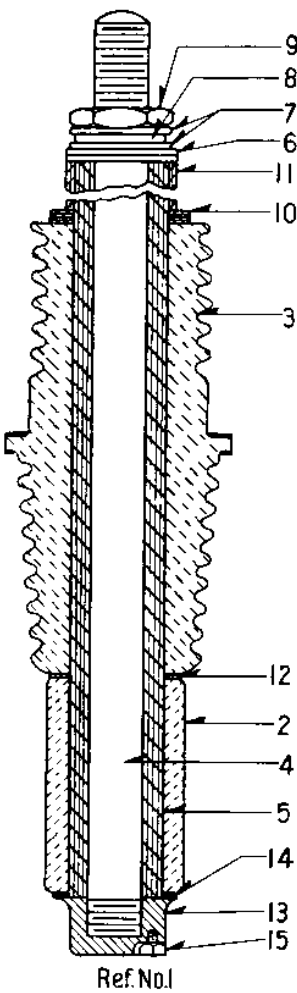
ORDER PARTS BY STYLE NUMBER AND DESCRIPTION
All Parts are Interchangeable Unless Otherwise Specified

Ref. No.	Style No.	No. Per Contact	Description
1	422163	..	Stationary contact complete
1	422184	..	Stationary contact complete
2	422164	1	Terminal rod with contact foot and insulating tube for Style No. 422163
2	422185	1	Terminal rod with contact foot and insulating tube for Style No. 422184
3	61840	1	Porcelain insulator, lower
4	160764	1	Porcelain insulator, upper
5	181033	5	Fibre washer used between upper and lower insulators
6	384871	2	Fibre washer for top of upper porcelain insulator
7	201505	1	Spacing tube between clamp washer and upper porcelain insulator
8	193359	3	Fibre washer for top of spacing tube
9	182827	2	Brass washer for fibre washer
10	.....	1	Lock washer, 1" (standard hardware), used between brass washer
11	211911	2	Clamp nut to fasten washer and spacing tube to insulator
12	189068	1	Contact foot for Style No. 422163. Part of Ref. No. 2
12	148260	1	Contact foot for Style No. 422184. Part of Ref. No. 2
13	186003	1	Lead washer used between insulator and contact foot
14	415001	1	Terminal connector for Style No. 422163
14	422182	1	Terminal connector for Style No. 422184
15	170101	1	Arcing screw

*Not illustrated.

STATIONARY CONTACT AND DETAILS

1200 Amperes, 25,000 Volts
Style No. 415055



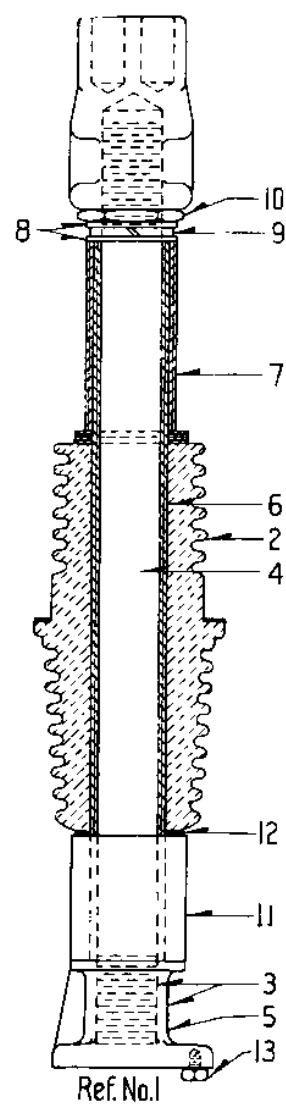
ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Contact	Description
1	415055	1	Stationary contact complete
2	61840	1	Porcelain insulator, lower
3	160764	1	Porcelain insulator, upper
4	415056	1	Terminal rod
5	415057	1	Insulating tube for terminal rod
6	193359	2	Fibre washer for top of spacing tube
7	182827	2	Brass washer for fibre washer
8	333400	1	Lock washer used between brass washer
9	7547	1	Nut to fasten washer and spacing tube to insulator
10	384871	2	Fibre washer for top of upper porcelain insulator
11	415058	1	Spacing tube between washers above upper porcelain insulator
12	181033	2	Fibre washer used between upper and lower insulator
13	422211	1	Contact foot
14	186003	1	Lead washer used between insulator and contact foot
15	170101	2	Arcing screw

STATIONARY CONTACT AND DETAILS

2000 Amperes, 15,000 Volts

Style No. 415076



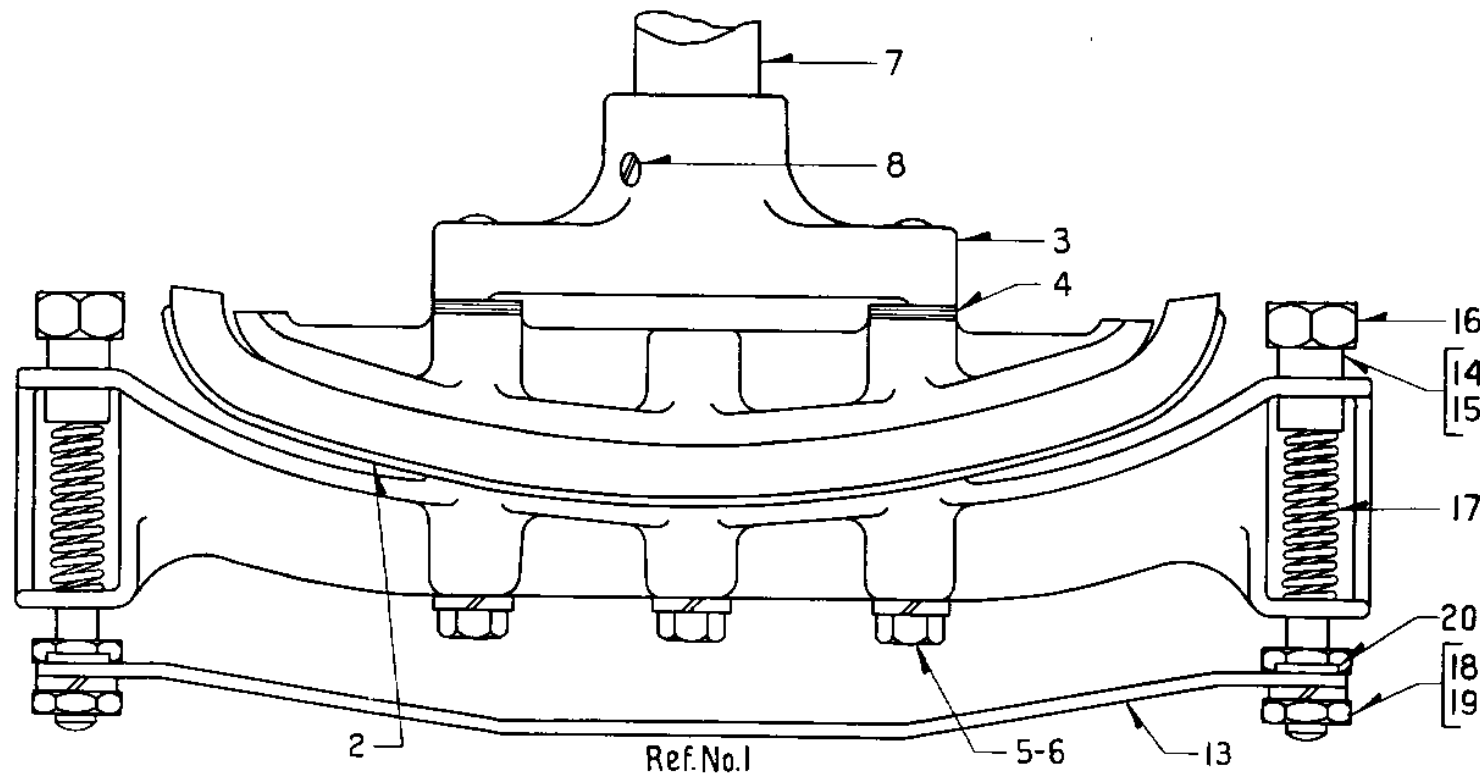
ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Contact	Description
1	415076	1	Stationary contact complete
2	61840	1	Porcelain insulator
3	415072	1	Terminal rod with contact foot
4	415071	1	Terminal rod, Part of Ref. No. 3
5	422243	1	Contact foot, Part of Ref. No. 3
6	415073	1	Insulating tube for terminal rod
7	415074	1	Spacing tube between clamp washer and porcelain insulator
8	422244	2	Brass washer for top of spacing tube
9	.....	1	Lock washer, 2" (standard hardware), used between brass washers
10	7550	1	Nut to fasten washer and spacing tube to insulator
11	415075	1	Spacing tube used between insulator and contact foot
12	186003	1	Lead washer used between insulator and spacing tube
13	219971	1	Arcing screw

MOVING CONTACT AND DETAILS

300 Amperes, 35,000 Volts

Style No. 415023



ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

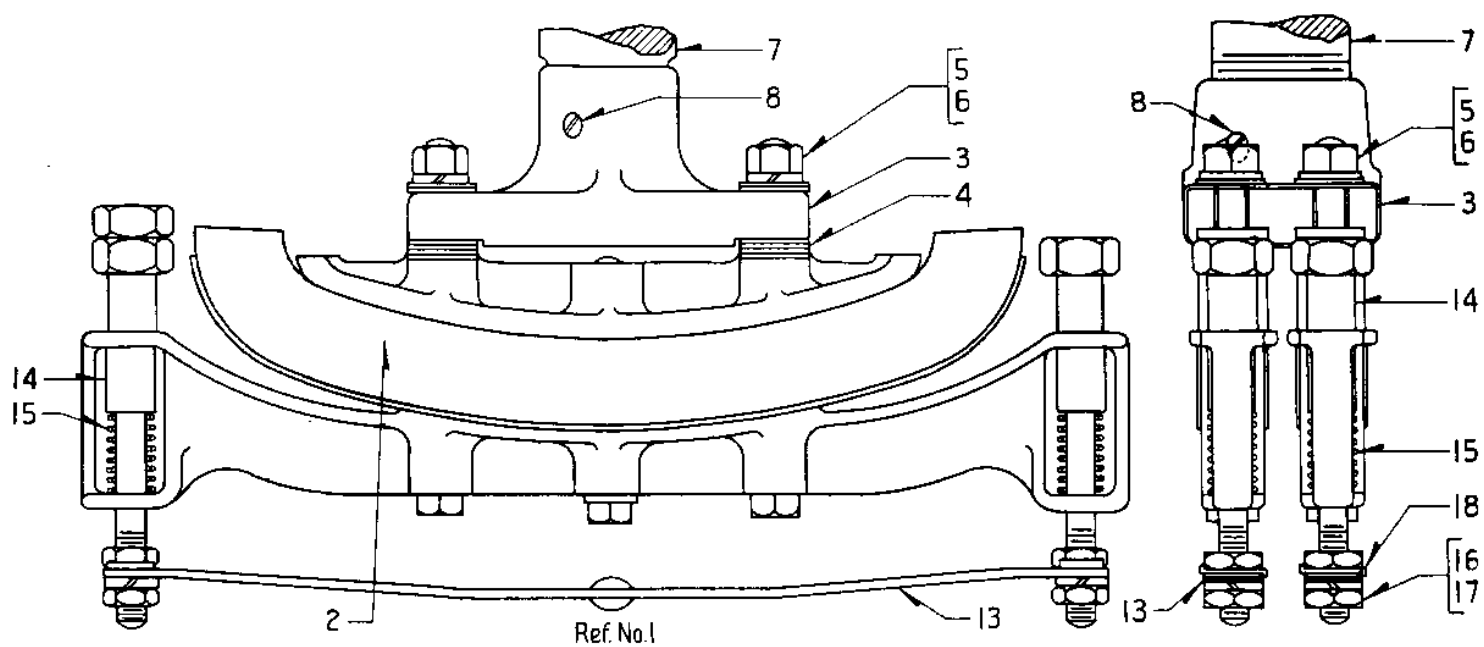
Ref. No.	Style No.	No. Per Contact	Description
1	415023	.	Moving contact complete
2	182050	1	Brush without shunt, arc plunger or lifting rod
3	187090	1	Foot to fasten lifting rod to brush casting
4	178397	8	Liner between foot and brush casting
5	.....	2	Tap bolt, $\frac{3}{8}$ "x $3\frac{3}{4}$ " (standard hardware), to fasten foot to brush casting
6	.....	2	Lock washer, $\frac{3}{8}$ " (standard hardware), for bolt
7	415024	1	Wood lifting rod
8	.....	1	Flat head iron wood screw, No. 14x $\frac{7}{8}$ " (standard hardware), for wood lifting rod and foot
9*	193381	1	Steel lifting rod
10*	187770	1	Rod end to fasten wood rod to steel rod
11*	193680	1	Pin for rod end and steel rod
12*	193681	3	Pin for rod end and wood rod
13	179543	1	Shunt
14	216078	2	Arcing plunger with tip, includes Ref. Nos. 15 and 16
15	205895	2	Arcing plunger
16	188440	2	Arcing tip
17	151217	2	Arcing plunger spring
18	75206	4	Contact nut to fasten shunt to arcing plunger
19	.....	2	Lock washer, $\frac{3}{8}$ " (standard hardware), for shunt and contact nut
20	201519	2	Locking clip for shunt

*Not illustrated.

MOVING CONTACT AND DETAILS

600 Amperes, 25,000 Volts, Style No. 415049

1200 Amperes, 25,000 Volts, Style No. 415054



ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

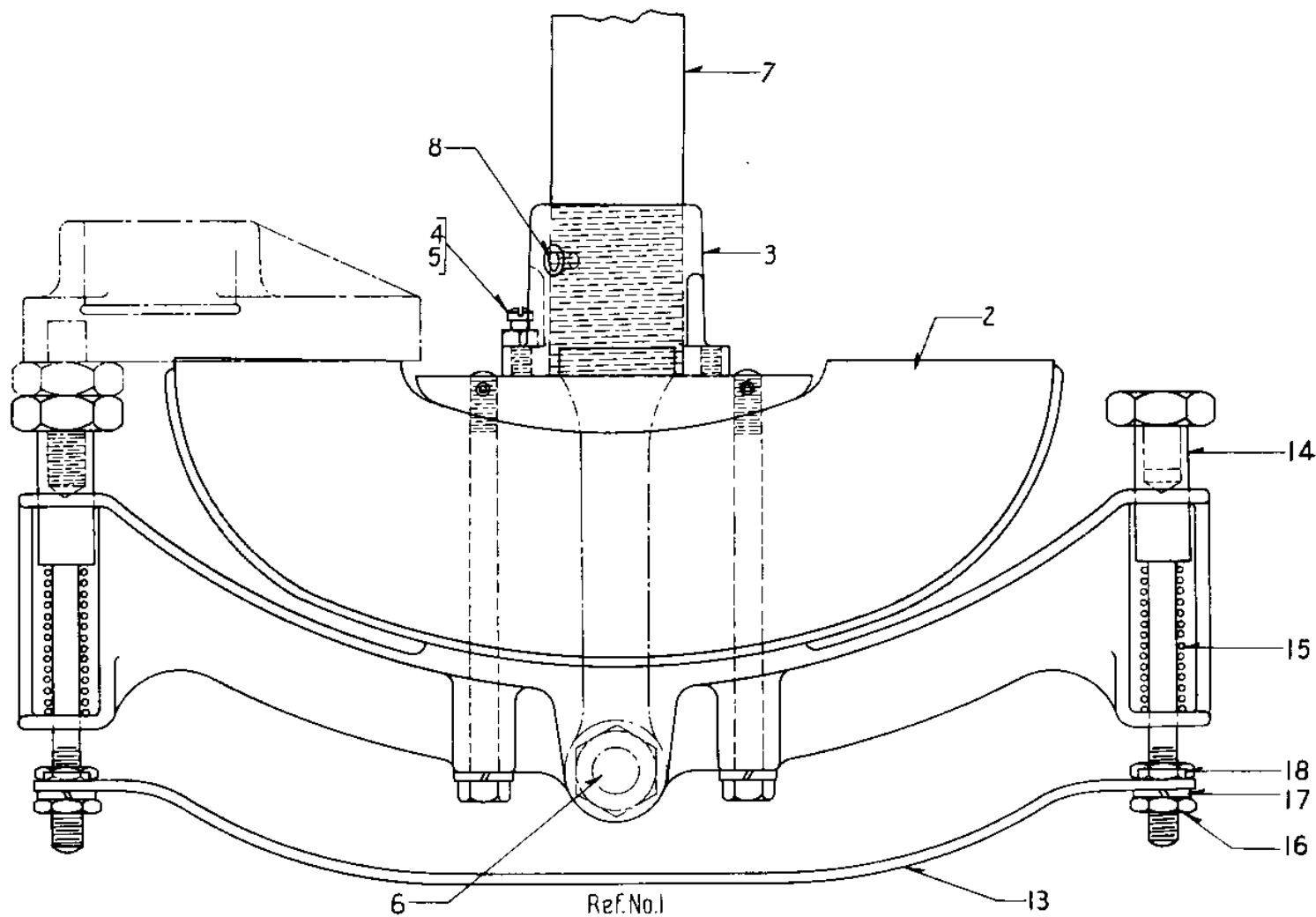
Ref. No.	Style No.	No. Per Contact		Description
		For Style No. 415049	For Style No. 415054	
1	415049	..	..	Moving contact complete
1	415054	..	..	Moving contact complete
2	174687	1	2	Brush without shunt, arc plunger or lifting rod
3	187090	1	..	Foot to fasten lifting rod to brush casting
3	207061	..	1	Foot to fasten lifting rod to brush casting
4	178397	8	20	Liner between foot and brush casting
5	.....	2	4	Tap bolt, 3/8"x4 3/4" (standard hardware), to fasten foot to brush casting
6	.....	2	4	Lock washer, 3/8" (standard hardware), for bolt
7	415024	1	..	Wood lifting rod
7	415053	..	1	Wood lifting rod
8	.....	1	..	Flat head iron wood screw, No. 14x7/8" (standard hardware), for wood lifting rod and foot
8	.....	..	1	Flat head iron wood screw, No. 14x1" (standard hardware), for wood lifting rod and foot
9*	193381	1	..	Steel lifting rod
9*	415052	..	1	Steel lifting rod
10*	187770	1	1	Rod end to fasten wood rod to steel rod
11*	193680	1	1	Pin for rod end and steel rod
12*	193681	3	3	Pin for rod end and wood rod
13	179543	1	2	Shunt
14	174697	2	4	Arcing plunger
15	151217	2	4	Arcing plunger spring
16	75206	4	8	Contact nut to fasten shunt to arc plunger
17	.....	2	4	Lock washer, 3/8" (standard hardware), for shunt and contact nut
18	201519	2	4	Locking clip for shunt

*Not illustrated.

MOVING CONTACT AND DETAILS

2000 Amperes, 15,000 Volts

Style No. 415065

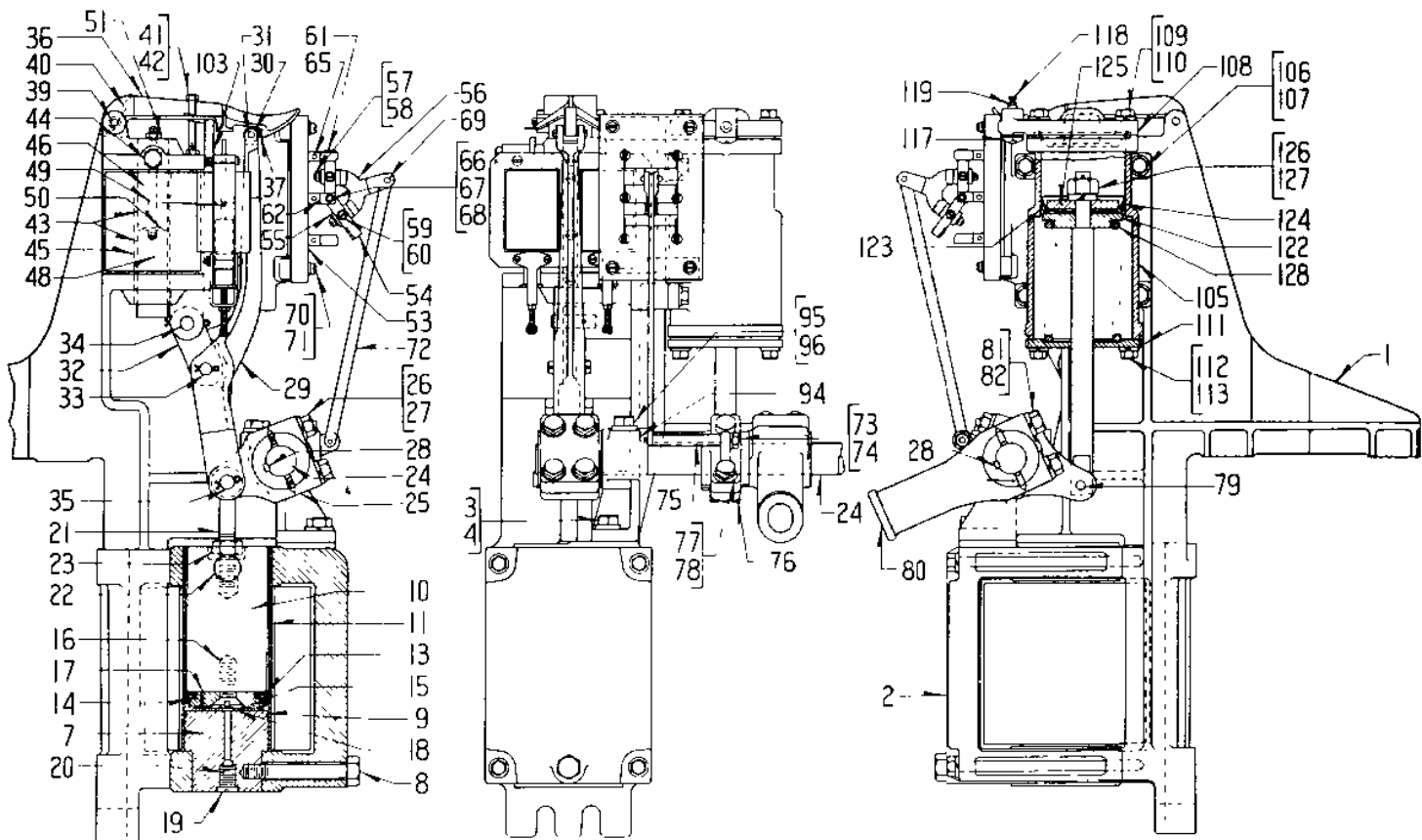


ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Contact	Description
1	415065	..	Moving contact complete
2	422317	1	Brush without shunt, arc plunger or lifting rod
3	415066	1	Foot to fasten lifting rod to brush top casting
4	.....	2	Fillister head iron machine screw, No. 14-24x $\frac{3}{4}$ " (standard hardware), to adjust foot to brush top casting
5	.....	2	Hexagon iron nut, No. 14-24 (standard hardware), for screw
6	63626	1	Pin to fasten foot to brush bottom casting
7	415067	1	Wood lifting rod
8	.....	1	Flat head iron wood screw, No. 12x $\frac{3}{4}$ " (standard hardware), for wood lifting rod and foot
9*	415068	1	Steel lifting rod
10*	415069	1	Rod end to fasten wood rod to steel rod
11*	193680	1	Pin for rod end and steel rod
12*	415070	3	Pin for rod end and wood rod
13	422235	1	Shunt
14	193685	2	Arcing plunger
15	422236	2	Arcing plunger spring
16	75206	4	Contact nut to fasten shunt to arcing plunger
17	.....	2	Lock washer, $\frac{3}{8}$ " (standard hardware), for shunt and contact nut
18	205191	2	Locking clip for shunt

*Not illustrated.

ELECTRIC OPERATING MECHANISM
For 300, 600 and 1200 Amperes, 3 Poles



ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
1	421912	1	Magnet bracket for D-C. trip only. For details see page 19
1	421913	1	Magnet bracket for D-C. trip and A-C. overload trip. For details see Page 19
2	421915	1	Magnet case
3	.....	1	Tap bolt, 5/8"x1 3/4" (standard hardware), to fasten top of magnet case to bracket
4	.....	1	Lock washer, 5/8" (standard hardware), for bolt
5	.....	4	Tap bolt, 1/2"x9" (standard hardware), to fasten magnet case to bracket
6	.....	4	Lock washer, 1/2" (standard hardware), for bolt
7	421921	1	Magnet or stationary core of closing magnet
8	.....	1	Tap bolt, 3/4"x4 3/4" (standard hardware), to fasten magnet in case
9	.....	1	Square flax packing, 1 1/8"x13", for magnet
10	421919	1	Piston for magnet or moving core of closing magnet
11	421922	1	Brass tube used as cylinder for piston
12*	.....	1	Flat head iron machine screw, No. 14-24x5/8" (standard hardware), to fasten brass tube to magnet
13	333085	1	Piston leather
14	189929	1	Expander for leather
15	271438	1	Follower for expander
16	117211	1	Screw to fasten follower, expander and leather to piston
17	.....	1	C.R.S. dowel pin, ".191x1 1/4" (standard hardware), for follower, expander, leather and piston
18	217009	2	Washer for top of magnet
19	185454	1	Valve bushing
20	184519	1	Brass ball for valve
21	421925	1	Plunger rod for piston
22	421920	1	Swivel pin for piston and plunger rod
23	.....	1	Lock nut, 3/4"-16 (standard hardware), for plunger rod
24	421927	1	Main operating shaft
25	421923	1	Lever for operating shaft and magnet plunger rod
26	.....	4	Tap bolt, 5/8"x2 1/2" (standard hardware), to fasten lever to operating shaft
27	.....	4	Lock washer, 5/8" (standard hardware), for bolt
28	91972	2	Key for operating shaft, magnet and hand closing lever, 3" long
29*†	.....	1	Closing coil

*Not illustrated.

†When ordering coils give complete name plate reading and the style number or stock order number of the breaker on which coil is to be used.

ELECTRIC OPERATING MECHANISM—Continued**For 300, 600 and 1200 Amperes, 3 Poles**

Illustrated on Page 12

ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
29	421928	1	Locking lever
30	11675	1	Roller for locking lever
31	88899	1	Shaft for roller and locking lever
32	421933	1	Link from locking lever and magnet bracket
33	63622	1	Shaft for link and lever
34	200839	1	Shaft for link and magnet bracket
35	125685	1	Bearing shaft for magnet plunger rod and lever on operating shaft
36	421929	1	Tripping lever
37	88352	1	Tip for tripping lever
38*	.....	2	Flat head iron machine screw, No. 6-32x $\frac{1}{2}$ " (standard hardware), to fasten tip to tripping lever
39	63611	1	Shaft for tripping lever and magnet bracket
40	156278	1	Spring for tripping lever
41	.....	1	Tap bolt, $\frac{5}{16}$ "x $\frac{3}{4}$ " (standard hardware), used as stop for tripping lever
42	.....	1	Lock nut, $\frac{5}{16}$ "-18 (standard hardware), for bolt
43	184889	1	Tripping core complete, consisting of Ref. Nos. 45 to 52 inclusive
44	.....	1	Tap bolt, $\frac{1}{2}$ "x2 $\frac{3}{4}$ " (standard hardware), to mount tripping core
45	333123	1	Brass tube for core
46	333124	1	Stationary core, for D-C. trip magnet
47*	.....	2	Flat head iron machine screw, No. 10-32x $\frac{5}{8}$ " (standard hardware), to fasten brass tube to stationary core
48	333125	1	Moving core, for D-C. trip magnet
49	178553	1	Tripping rod, for D-C. trip magnet
50	40646	1	Washer for tripping rod
51	46870	1	Nut for tripping rod
52*	141901	1	Rivet to fasten tripping rod to moving core
53	179156	1	Slate base for auxiliary switch
54	112003	2	Blade for auxiliary switch
55	138815	2	Cross bar for auxiliary switch
56	421936	1	Switch lever
57	.....	2	Fillister head iron machine screw, No. 14-24x1 $\frac{1}{4}$ " (standard hardware), to fasten switch lever to cross bar
58	7443	2	Washer for screw
59	.....	4	Fillister head iron machine screw, No. 10-32x $\frac{3}{8}$ " (standard hardware), to fasten cross bar to blade
60	3410	4	Washer for screw
61	18641	4	Break jaw
62	18642	2	Hinge jaw
63*	.....	6	Hexagon iron nut, $\frac{1}{4}$ "-20 (standard hardware), for break jaw and hinge jaw studs
64	3426	6	Washer for stud
65	.....	6	Fillister head iron machine screw, No. 6-32x $\frac{1}{4}$ " (standard hardware), for jaw block
66	.....	2	Fillister head iron machine screw, No. 6-32x $\frac{5}{8}$ " (standard hardware), to fasten blade to hinge jaws
67	58858	4	Spring washer for screw
68	46867	4	Nut for screw
69	106100	1	Bearing shaft in switch lever for link
70	.....	4	Fillister head iron machine screw, No. 14-24x1 $\frac{1}{8}$ " (standard hardware), to fasten auxiliary switch to magnet bracket
71	7443	4	Washer for screw
72	421934	1	Link from connecting pin to auxiliary switch
73	.....	1	Lock washer, $\frac{3}{8}$ " (standard hardware), for pin
74	.....	1	Hexagon iron nut, $\frac{3}{8}$ "-16 (standard hardware), for pin
75	421930	1	Connection pin from dash pot lever to auxiliary switch link
76	421926	1	Lever for operating shaft and dash pot plunger rod
77	.....	2	Tap bolt, $\frac{5}{8}$ "x2 $\frac{1}{2}$ " (standard hardware), to clamp lever to operating shaft
78	.....	2	Lock washer, $\frac{5}{8}$ " (standard hardware), for bolt
79	63621	1	Bearing shaft for dash pot plunger rod and lever on operating shaft
80	421935	1	Hand closing lever on operating shaft
81	.....	4	Tap bolt, $\frac{5}{8}$ "x2 $\frac{1}{2}$ " (standard hardware), to fasten lever to operating shaft

*Not illustrated.

ELECTRIC OPERATING MECHANISM—Continued

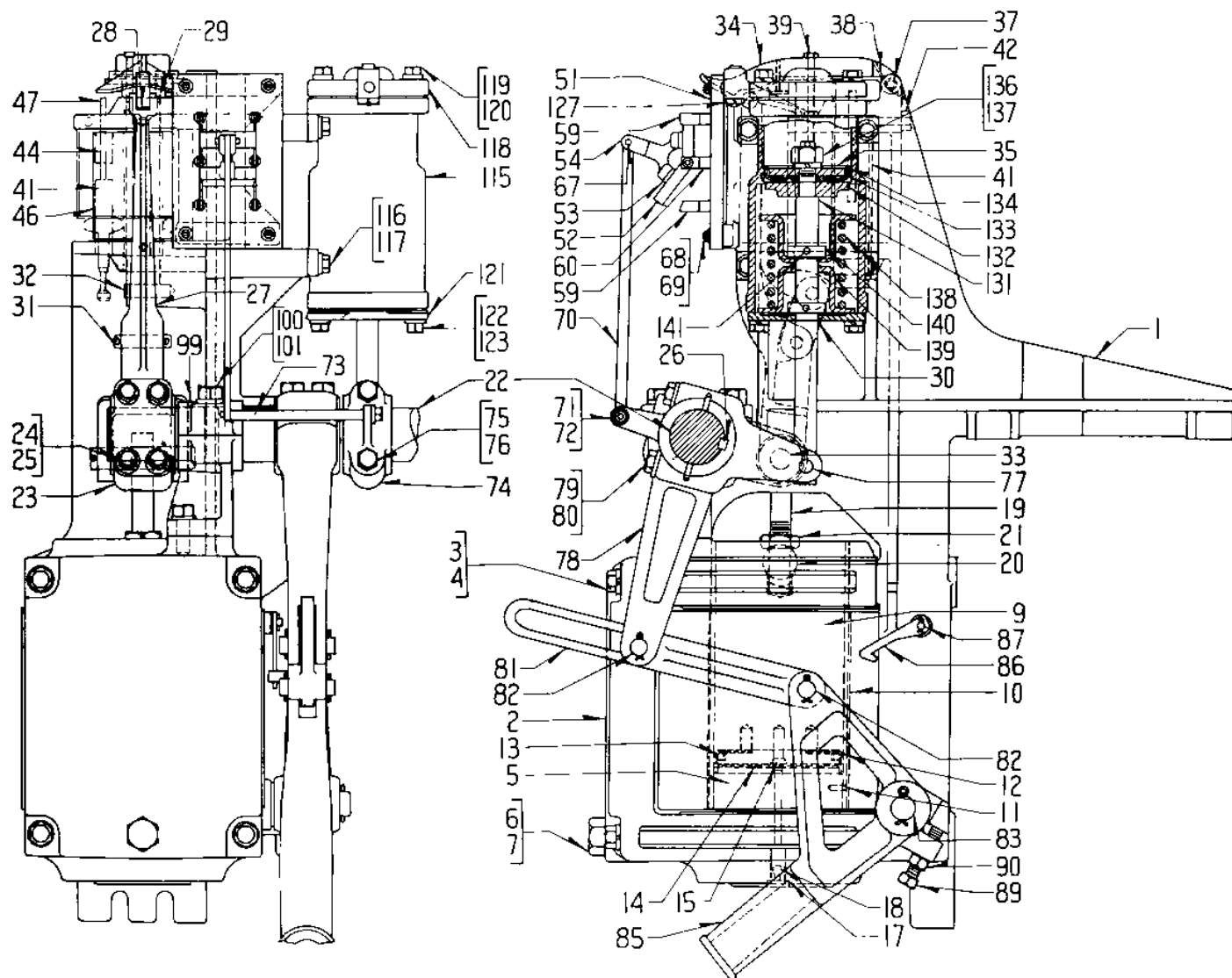
For 300, 600 and 1200 Amperes, 3 Poles

Illustrated on Page 12

ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
82	.....	4	Lock washer, $\frac{5}{8}$ " (standard hardware), for bolt
83*	32128	4	Key for operating shaft, dash pot and circuit breaker lever, $3\frac{1}{4}$ " long
84*	421974	3	Lever to operate shaft and breaker mechanism
85*	.....	6	Tap bolt, $\frac{5}{8}$ "x $2\frac{1}{2}$ " (standard hardware), to fasten lever to operating shaft
86*	.....	6	Lock washer, $\frac{5}{8}$ " (standard hardware), for bolt
87*	421976	2	Bracket for operating shaft
88*	421975	2	Bearing on bracket
89*	421977	4	Stud for bearing and bracket
90*	421978	4	Dowel pin for stud and bracket
91*	.....	4	Lock nut, $\frac{3}{4}$ "-10 (standard hardware), for stud
92*	.....	4	Lock washer, $\frac{3}{4}$ " (standard hardware), for stud
93*	.....	4	Hexagon iron nut, $\frac{3}{4}$ "-10 (standard hardware), for stud
94	421914	1	Bearing cap on magnet bracket for operating shaft
95	.....	2	Tap bolt, $\frac{5}{8}$ "x $2\frac{1}{4}$ " (standard hardware), to mount bearing cap
96	.....	2	Lock washer, $\frac{5}{8}$ " (standard hardware), for bolt
97*	.....	9	Tap bolt, $\frac{3}{4}$ "x3" (standard hardware), to fasten magnet bracket and operating shaft bracket to breaker
98*	3300	9	Washer for bolt
99*	.....	9	Lock washer, $\frac{3}{4}$ " (standard hardware), for bolt
100*	.....	9	Hexagon iron nut, $\frac{3}{4}$ "-10 (standard hardware), for bolt
101*	421924	3	Eye bolt for operating shaft lever and breaker mechanism
102*	273296	3	Swivel pin for lever and eye bolt
103	421932	1	Stop for trip lever for D-C. trip only
103	421931	1	Stop for trip lever for D-C. and A-C. overload trip
104*	.....	2	Flat head iron machine screw, No. 14-24x $\frac{3}{4}$ " (standard hardware), to fasten stop to magnet bracket
105	250114	1	Dash pot cylinder
106	.....	4	Tap bolt, $\frac{1}{2}$ "x $1\frac{1}{4}$ " (standard hardware), to fasten cylinder to bracket
107	.....	4	Lock washer, $\frac{1}{2}$ " (standard hardware), for bolt
108	277553	1	Cover for cylinder
109	.....	4	Tap bolt, $\frac{1}{2}$ "x $1\frac{3}{4}$ " (standard hardware), to fasten cover to cylinder
110	.....	4	Lock washer, $\frac{1}{2}$ " (standard hardware), for tap bolt
111	421916	1	Bottom for cylinder
112	.....	4	Tap bolt, $\frac{1}{2}$ "x $1\frac{1}{4}$ " (standard hardware), to fasten bottom to cylinder
113	.....	4	Lock washer, $\frac{1}{2}$ " (standard hardware), for tap bolt
114*	319039	1	Valve and stem
115*	186295	1	Valve spring
116*	184300	1	Bushing for dash pot valve
117	68776	1	Cap nut for valve
118	.....	1	Adjusting screw, No. 10-32x $\frac{1}{2}$ " (standard hardware), for valve
119	40662	1	Nut for screw
120*	421917	1	Brass plug for side of valve
121	421918	1	Piston rod
122	319064	1	Leather seating washer, also used as spring compression washer
123	112506	1	Piston leather
124	187120	1	Expander for leather
125	277547	1	Follower for expander
126	.....	1	Hexagon iron nut, $\frac{3}{4}$ "-10 (standard hardware), for piston rod
127	.....	1	Lock washer, $\frac{3}{4}$ " (standard hardware), for piston rod
128	122525	1	Spring for dash pot

*Not illustrated.

ELECTRIC OPERATING MECHANISM**For 2000 Amperes, 3 Pole Breakers****ORDER PARTS BY STYLE NUMBER AND DESCRIPTION**

Ref. No.	Style No.	No. Per Breaker	Description
1	421947	1	Magnet bracket for D-C. trip only. For details see Page 19
1	421946	1	Magnet bracket for D-C. trip and A-C. overload trip. For details see Page 19
2	421952	1	Magnet case
3	421937	4	Tap bolt, to fasten magnet case to bracket
4	.....	4	Lock washer, $\frac{5}{8}$ " (standard hardware), for bolt
5	421939	1	Magnet
6	.....	1	Tap bolt, 1" x 7" (standard hardware), to fasten magnet to case
7	.....	1	Lock washer, 1" (standard hardware), for bolt
8*	.....	1	Square flax packing, $\frac{3}{16}$ " x $1\frac{1}{8}$ " for magnet
9	421942	1	Piston for magnet
10	421938	1	Brass tube used as cylinder for piston
11	.....	1	Flat head iron machine screw, No. 14-24 x $\frac{3}{4}$ " (standard hardware), to fasten brass tube to magnet
12	383353	1	Piston leather
13	383354	1	Expander for leather
14	405776	1	Follower for expander
15	109277	3	Screw to fasten follower, expander and leather to piston
16*	409962	6	Washer for top of magnet
17	185454	1	Valve bushing
18	184519	1	Brass ball for valve
19	421958	1	Plunger rod for piston
20	421943	1	Swivel pin for piston and plunger rod
21	.....	1	Lock nut, 1" (standard hardware), for plunger rod
22	421955	1	Main operating shaft
23	421954	1	Lever for operating shaft and magnet plunger rod

*Not illustrated.

ELECTRIC OPERATING MECHANISM—Continued

For 2000 Amperes, 3 Poles

Illustrated on Page 15

ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
24	.....	4	Tap bolt, $\frac{5}{8}$ "x2 $\frac{3}{4}$ " (standard hardware), to fasten lever to operating shaft
25	.....	4	Lock washer, $\frac{5}{8}$ " (standard hardware), for bolt
26	131642	2	Key for operating shaft, magnet and hand closing lever
27	421957	1	Locking lever
28	11675	1	Roller for locking lever
29	88899	1	Shaft for roller and locking lever
30	421933	1	Link for locking lever and magnet bracket
31	63623	1	Shaft for link and lever
32	200839	1	Shaft for link and magnet bracket
33	421960	1	Bearing shaft for magnet plunger rod and lever on operating shaft
34	421929	1	Tripping lever
35*	88352	1	Tip for tripping lever
36*	.....	2	Flat head iron machine screw, No. 6-32x $\frac{1}{2}$ " (standard hardware), to fasten tip to tripping lever
37	63611	1	Shaft for tripping lever and magnet bracket
38	156278	1	Spring for tripping lever
39	.....	1	Tap bolt, $\frac{5}{16}$ "x3 $\frac{1}{4}$ " (standard hardware), used as stop for tripping lever
40	.....	1	Lock nut, $\frac{5}{16}$ "-18 (standard hardware), for bolt
41	184889	1	D-C. tripping core complete consisting of Ref. Nos. 43 to 50 inclusive
42	.....	1	Tap bolt, $\frac{1}{2}$ "x1 $\frac{3}{4}$ " (standard hardware), to mount tripping core
43*	333123	1	Brass tube for core
44	333124	1	Stationary core
45*	.....	2	Flat head iron machine screw, No. 10-32x $\frac{5}{8}$ " (standard hardware), to fasten brass tube to stationary core
46	333125	1	Moving core
47	178553	1	Tripping rod
48*	40646	1	Washer for tripping rod
49*	46870	1	Nut for tripping rod
50*	141901	1	Rivet to fasten tripping rod to moving core
51	179156	1	Slate base for auxiliary switch
52	112003	2	Blade for auxiliary switch
53	138815	2	Cross bar for auxiliary switch
54	421936	1	Switch lever
55*	.....	2	Fillister head iron machine screw, No. 14-24x1 $\frac{1}{4}$ " (standard hardware), to fasten switch lever to cross bar
56*	7443	2	Washer for screw
57*	.....	4	Fillister head iron machine screw, No. 10-32x $\frac{5}{8}$ " (standard hardware), to fasten cross bar to blade
58*	3410	4	Washer for screw
59	18641	4	Break jaw for auxiliary switch
60	18642	2	Hinge jaw for auxiliary switch
61*	.....	6	Hexagon iron nut, $\frac{1}{4}$ "-20 (standard hardware), for break jaw and hinge jaw studs
62*	3426	6	Washer for studs
63*	.....	6	Fillister head iron machine screw, No. 6-32x $\frac{1}{4}$ " (standard hardware), for jaw block
64	.....	2	Fillister head iron machine screw, No. 6-32x $\frac{5}{8}$ " (standard hardware), to fasten blade to hinge jaws
65	58858	4	Spring washer for screw
66	46867	4	Nut for screw
67	106100	1	Bearing shaft in switch lever for link
68	.....	4	Fillister head iron machine screw, No. 14-24x1 $\frac{7}{8}$ " (standard hardware), to fasten auxiliary switch to magnet bracket
69	7443	4	Washer for screw
70	421959	1	Link from connecting pin to auxiliary switch
71	.....	1	Lock washer, $\frac{3}{8}$ " (standard hardware), for pin
72	.....	1	Hexagon iron nut, $\frac{3}{8}$ "-16 (standard hardware), for pin
73	421944	1	Connecting pin from dash pot lever to auxiliary switch link
74	421953	1	Lever for operating shaft and dash pot plunger rod
75	.....	2	Tap bolt, $\frac{5}{8}$ "x2 $\frac{3}{4}$ " (standard hardware), to fasten lever to operating shaft
76	.....	2	Lock washer, $\frac{5}{8}$ " (standard hardware), for bolt
77	63621	1	Bearing shaft for dash pot plunger rod and lever on operating shaft
78	421970	1	Lever on operating shaft for hand closing lever link

*Not illustrated.

ELECTRIC OPERATING MECHANISM—Continued
For 2000 Amperes, 3 Poles

Illustrated on Page 15

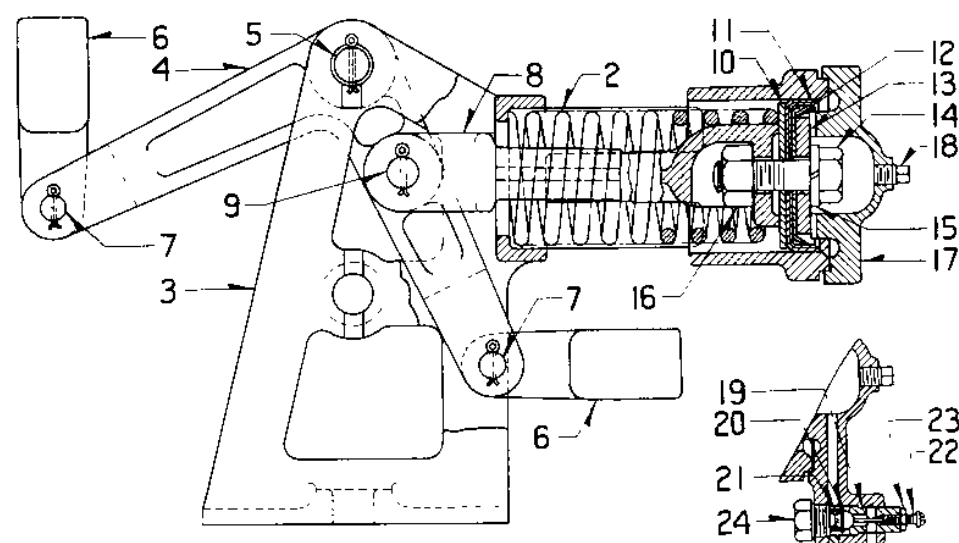
ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
79	.....	4	Tap bolt, $\frac{5}{8}$ "x2 $\frac{3}{4}$ " (standard hardware), to fasten lever to operating shaft
80	.....	4	Lock washer, $\frac{5}{8}$ " (standard hardware), for bolt
81	421972	1	Link for hand closing lever and lever on operating shaft
82	63633	2	Bearing pin for link and levers
83	421948	1	Bearing pin for hand closing lever and magnet bracket
84*	421949	1	Dowel pin for bearing pin and magnet bracket
85	421971	1	Hand closing lever on magnet bracket
86	421969	1	Catch for hand closing lever
87	421950	1	Bearing pin for catch and magnet bracket
88*	421951	1	Dowel pin for bearing pin and magnet bracket
89	.....	1	Set screw, $\frac{1}{2}$ "x2 $\frac{1}{2}$ " (standard hardware), for hand closing lever
90	.....	1	Lock nut, $\frac{1}{2}$ "-13 (standard hardware), for screw
91*	421964	1	Bracket on end pole of breaker for operating shaft
91*	421968	1	Bracket on middle end pole of breaker for operating shaft
92*	421966	2	Bearing on brackets
93*	421967	4	Stud for bearing and bracket
94*	421965	4	Dowel pin for stud and bracket
95*	.....	4	Lock nut, $\frac{3}{4}$ "-10 (standard hardware), for stud
96*	.....	4	Lock washer, $\frac{3}{4}$ " (standard hardware), for stud
97*	3300	4	Washer between lock washer and bearing
98*	.....	4	Hexagon iron nut, $\frac{3}{4}$ "-10 (standard hardware), for stud
99	421945	1	Bearing cap on magnet bracket for operating shaft
100	.....	2	Tap bolt, $\frac{3}{4}$ "x2 $\frac{3}{4}$ " (standard hardware), to mount bearing cap
101	.....	2	Lock washer, $\frac{3}{4}$ " (standard hardware), for bolt
102*	.....	9	Tap bolt, $\frac{3}{4}$ "x3" (standard hardware), to fasten magnet bracket and operating shaft bracket to breaker
103*	.....	9	Hexagon iron nut, $\frac{3}{4}$ "-10 (standard hardware), for bolt
104*	.....	9	Lock washer, $\frac{3}{4}$ " (standard hardware), for bolt
105*	3300	9	Washer for bolt
106*	421961	3	Lever for operating shaft and breaker mechanism
107*	.....	6	Tap bolt, $\frac{5}{8}$ "x2 $\frac{3}{4}$ " (standard hardware), to fasten lever to operating shaft
108*	.....	6	Lock washer, $\frac{5}{8}$ " (standard hardware), for bolt
109*	421963	3	Eye bolt for operating shaft lever and breaker mechanism
110*	421962	3	Swivel pin for lever and eye bolt
111*	421932	1	Stop for trip lever for D-C. trip
112*	421931	1	Stop for trip lever for D-C. trip and A-C. overload trip
113*	.....	2	Flat head iron machine screw, No. 14-24x $\frac{3}{4}$ " (standard hardware), to fasten stop to magnet bracket
114*	.....	12	W. I. washer, $\frac{1}{4}$ " (standard hardware), for screw
115	250114	1	Dash pot cylinder
116	.....	4	Tap bolt, $\frac{1}{2}$ "x1 $\frac{1}{4}$ " (standard hardware), to fasten cylinder to bracket
117	.....	4	Lock washer, $\frac{1}{2}$ " (standard hardware), for bolt
118	277553	1	Cover for cylinder
119	.....	4	Tap bolt, $\frac{1}{2}$ "x1 $\frac{3}{4}$ " (standard hardware), to fasten cover to cylinder
120	.....	4	Lock washer, $\frac{1}{2}$ " (standard hardware), for bolt
121	421916	1	Bottom for cylinder
122	.....	4	Tap bolt, $\frac{1}{2}$ "x1 $\frac{1}{4}$ " (standard hardware), to fasten bottom to cylinder
123	.....	4	Lock washer, $\frac{1}{2}$ " (standard hardware), for bolt
124*	319039	1	Valve and stem
125*	186295	1	Valve spring
126*	184300	1	Bushing for dash pot valve
127	68776	1	Cap nut for valve
128*	.....	1	Adjusting screw, No. 10-32x $\frac{1}{2}$ " (standard hardware), for valve
129*	40662	1	Nut for screw
130*	421917	1	Brass plug for side of valve
131	421941	1	Piston rod
132	319064	1	Leather seating washer, also used as spring compression washer
133	112506	1	Piston leather
134	187120	1	Expander for leather
135	277547	1	Follower for expander
136	.....	1	Hexagon iron nut, $\frac{3}{4}$ "-10 (standard hardware), for piston rod
137	.....	1	Lock washer, $\frac{3}{4}$ " (standard hardware), for piston rod
138	122525	1	Spring for dash pot
139	277554	1	Spring holder
140	277550	2	Collar for piston rod
141	277548	2	Pin for piston rod and collar
142*	421956	4	Key for operating shaft, dash pot lever and breaker lever
143*	421973	1	Spacing collar on operating shaft next to end bracket

*Not illustrated.

ACCELERATING DEVICE FOR REMOTE CONTROL MECHANISM

For 2, 3 and 4 Poles, Automatic and Non-Automatic Breakers

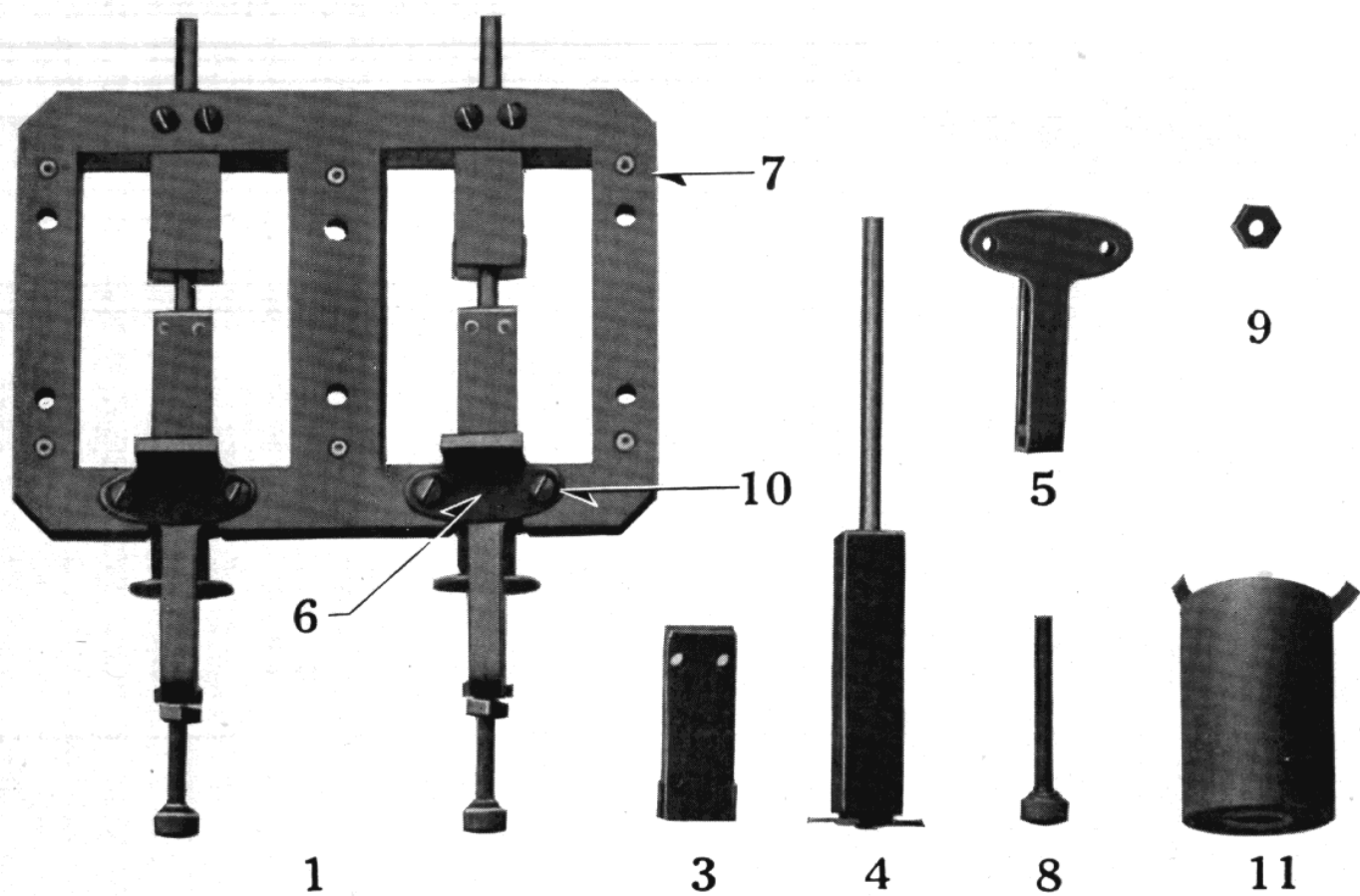


ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
1	208925	1	Accelerating device complete consisting of Ref. Nos. 2 to 28 inclusive. See Page 20 for application of this style number
2	219335	1	Compression spring
3	220358	1	Bearing bracket and cylinder
4	220359	1	Bell crank
5	88354	1	Bell crank shaft
6	72281	2	Rod end
7	83813	2	Rod end shaft
8	333489	1	Piston rod
9	63623	1	Piston rod shaft
10	220360	1	Spring seat washer
11	112502	1	Set of piston leathers
12	63710	1	Piston leather expander
13	189652	1	Follower for expander
14	.....	1	Tap bolt, 5/8"x2" (standard hardware), to fasten piston leather, expander and follower to piston rod
15	.....	1	Lock washer, 5/8" (standard hardware), for bolt
16	.....	1	Hexagon iron nut, 5/8"-11 (standard hardware), for bolt
17	186307	1	Cylinder head cover
18	.....	1	Pipe plug, 1/8" (standard hardware), for cylinder head cover
19	214139	1	Brass valve bushing
20	185236	1	Brass valve and stem
21	198929	1	Valve spring
22	.....	1	Fillister head iron machine screw, No. 10-32x1 1/2" (standard hardware), for adjusting valve
23	40662	1	Nut for screw
24	68776	1	Valve cap nut
25*	185750	1	Brass plug for cylinder head cover
26*	.....	4	Machine bolt, 3/8"-2" (standard hardware), for cylinder head cover
27*	113315	2	Paper gasket for cylinder head cover
28*	187761	1	Brass valve stem

*Not illustrated.

MAGNETIC CIRCUITS FOR D-C. CONTROL



ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
1	150614	1	Magnetic circuit complete but without coil
3	116760	1	Stationary core for 2 pole breakers
3	214136	2	Stationary core for 3 and 4 pole breakers
4	126283	1	Moving core complete with trip rod
5	88827	1	Guide for moving core
6	88828	1	Bracket used as coil seat
7	116759	1	Magnet frame for 2 pole breakers
7	126282	1	Magnet frame for 3 and 4 pole breakers
8	88829	1	Adjusting screw
9	46868	1	Nut for screw
10	.....	2	Round head stove bolt, $\frac{3}{16}$ "x $1\frac{3}{4}$ " (standard hardware), to mount moving core guide
11	.....	2†	Coil

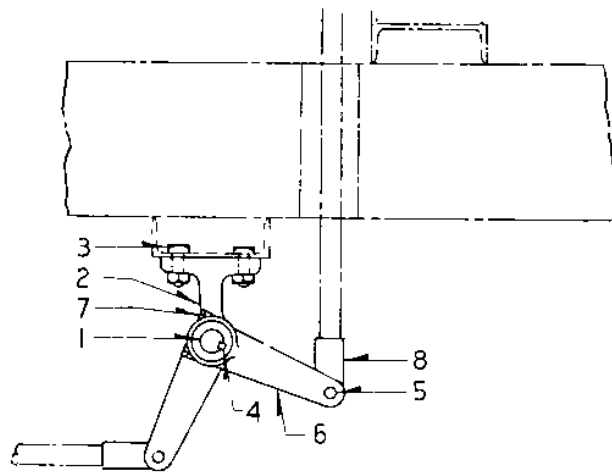
FOR AC OVERLOAD COILS ONLY

3	230317	1	Stationary core
4	269460	2	Moving core complete with trip rod
5	88827	2	Guide for moving core
6	88828	2	Bracket used as coil seat
7	126282	1	Magnetic circuit with stationary core
8	88829	2	Adjusting screw
9	46868	2	Nut for screw
10	.....	4	Round head stove bolt, $\frac{3}{16}$ "x $1\frac{1}{4}$ " (standard hardware), to mount moving core guide
11	.....	2†	Coil

†When ordering coils give complete nameplate reading and the style number or stock order number of the breaker on which the coil is to be used.

REMOTE CONTROL MECHANISM

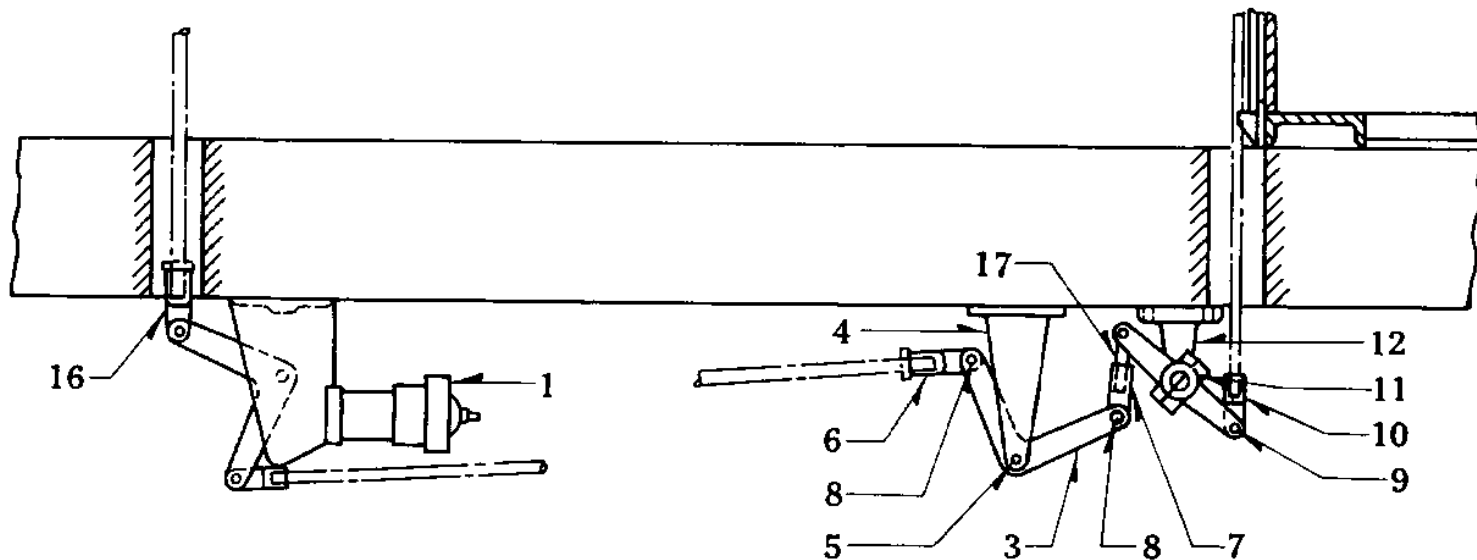
For 300 and 600 Amperes, 2 Poles, Automatic and Non-Automatic Breakers



ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
1	415083	1	Shaft for lever
2	69779	2	Bearing for shaft
3	.....	4	Machine bolt, $\frac{1}{4}$ "x $\frac{3}{4}$ " (standard hardware), to mount bearing
4	61595	3	Key for lever and shaft
5	65150	3	Shaft for lever and rod end
6	69780	3	Lever for shaft and pull rod
7	.....	6	Tap bolt, $\frac{3}{8}$ "x $1\frac{1}{2}$ " (standard hardware), to fasten lever to shaft
8	83129	3	Rod end for lever and pull rod

For 3 Pole Automatic and Non-Automatic Breakers

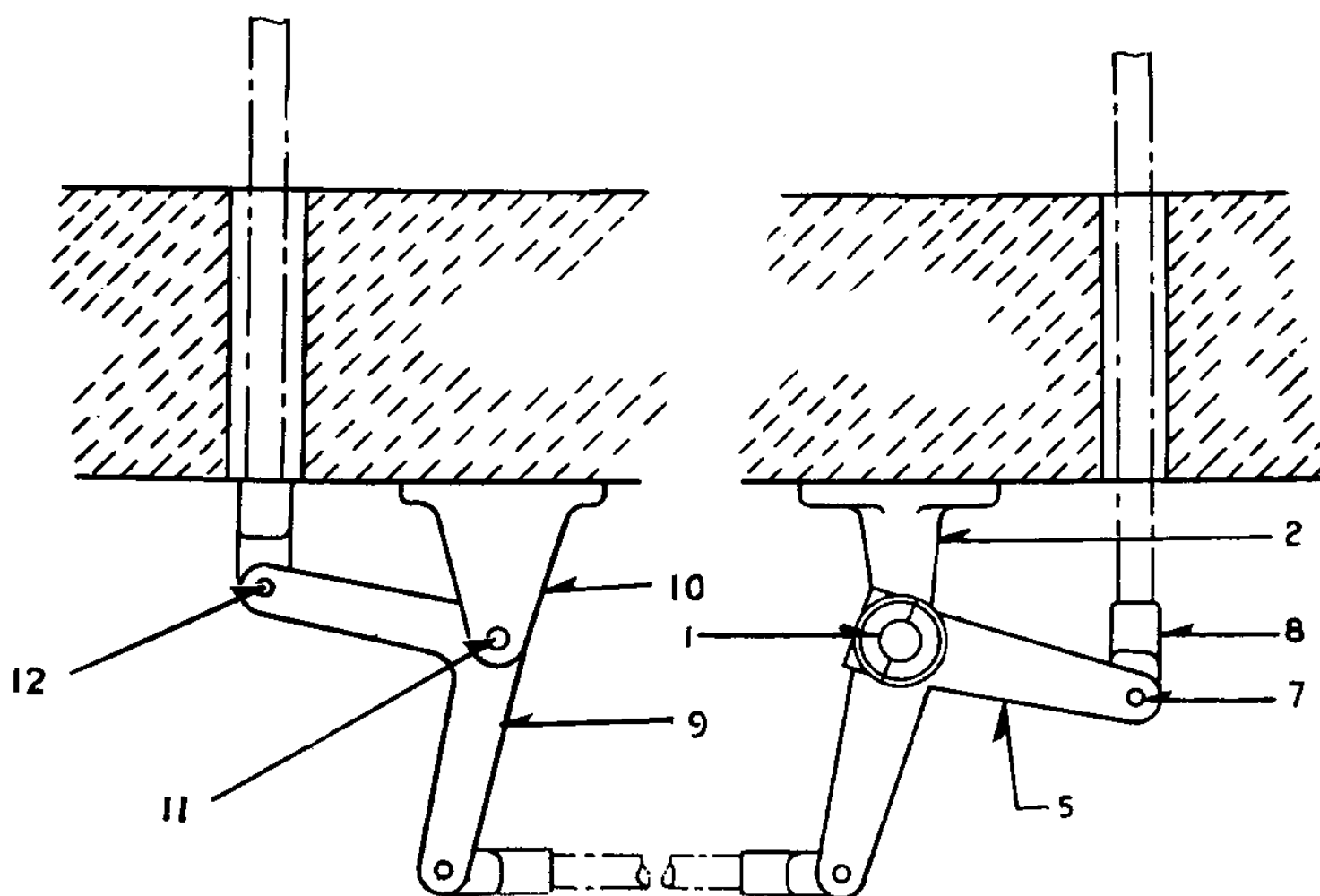


Ref. No.	Style No.	No. Per Breaker	Description
1	208925	1	Accelerating device, see Page 19 for details
2*	214596	1	Bell crank to connect to operating shaft lever consisting of Ref. Nos. 3 to 8 inclusive
3	272856	1	Bell crank
4	272857	1	Bracket
5	125685	1	Shaft
6	72281	1	Adjustable rod end
7	83129	1	Non-adjustable rod end
8	83813	2	Shaft
9	185952	4	Lever for operating shaft
10	83129	4	Rod end for lever and pull rod
11	415092	1	Operating shaft for lever
12	69779	3	Bearing for operating shaft
13*	79828	4	Key for lever and shaft
14*	.....	8	Tap bolt, $\frac{3}{8}$ "x $2\frac{1}{2}$ " (standard hardware), to fasten lever to shaft
15*	.....	8	Hexagon iron nut, $\frac{3}{8}$ "-16 (standard hardware), for bolt
16	72281	1	Rod end for bell crank and handle lever operating rod. Part of Style No. 208925
17	241492	1	Rod end for bell crank and operating shaft lever

*Not illustrated.

REMOTE CONTROL MECHANISM

For 4 Pole, Automatic and Non-Automatic Breakers



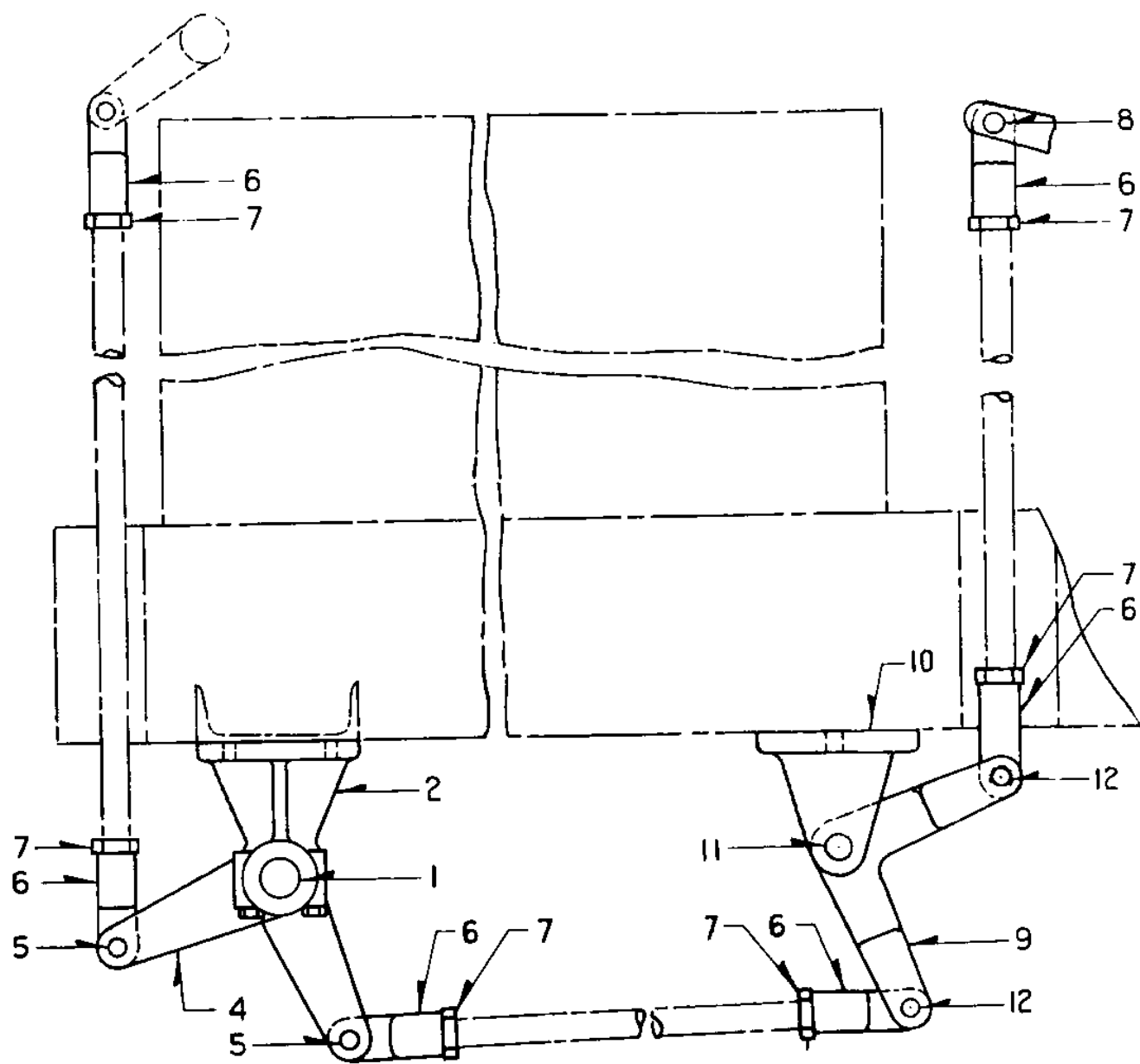
ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
1	415105	1	Operating shaft for lever
2	69779	3	Bearing for shaft
3*	.....	6	Machine bolt, $\frac{1}{4}'' \times 1\frac{3}{4}''$ (standard hardware), to mount bearing
4*	61595	5	Key for shaft and lever
5	69780	5	Lever for shaft and pull rod
6*	.....	10	Tap bolt, $\frac{3}{8}'' \times 1\frac{1}{2}''$ (standard hardware), to fasten lever to shaft
7	65150	5	Shaft for lever and rod end
8	83129	5	Rod end for lever and pull rod
9	415101	1	Bell crank
10	415100	1	Bracket for bell crank
11	273374	1	Shaft for bell crank and bracket
12	63621	1	Shaft for bell crank and rod end

*Not illustrated.

REMOTE ELECTRIC CONTROL MECHANISM

For 1200 Amperes, 2, 3 and 4 Poles, Electrically Operated Breakers



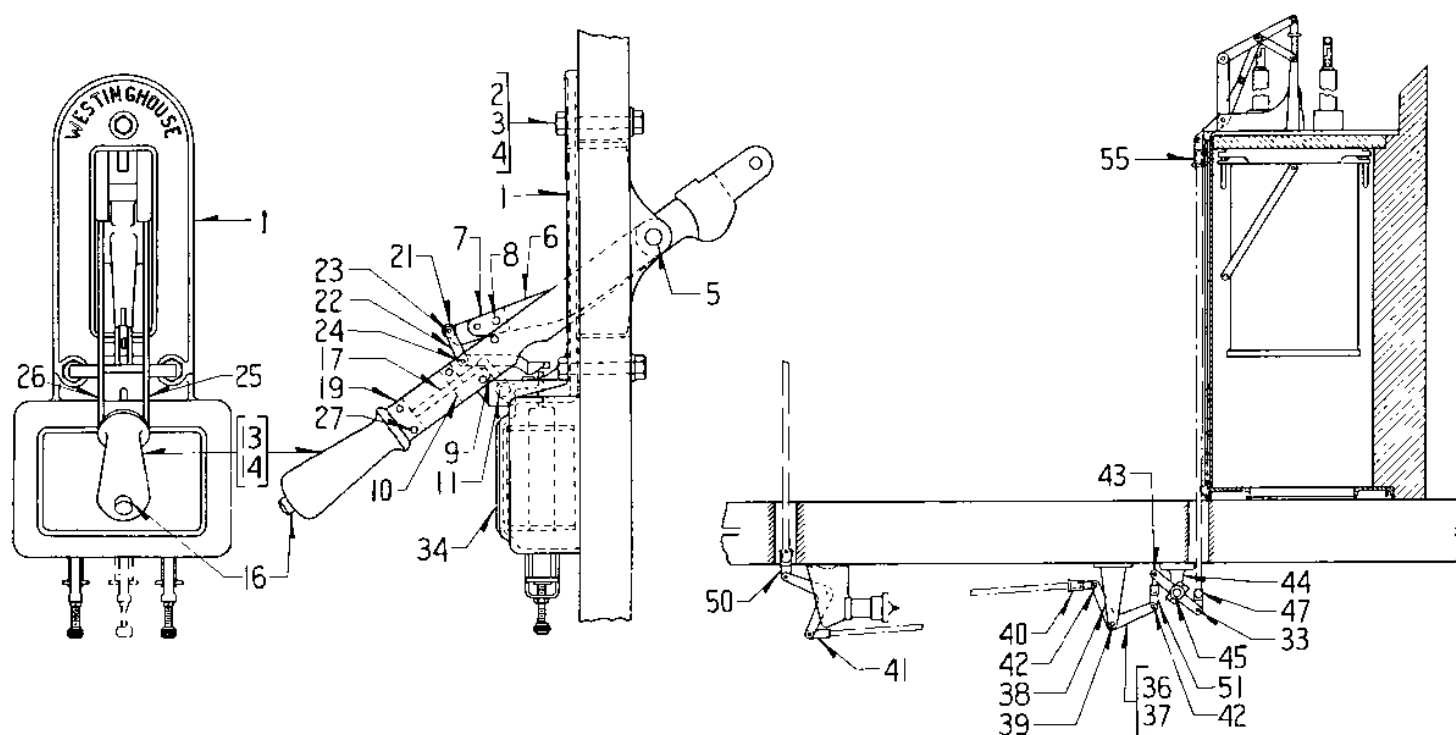
ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker			Description
		2 Pole	3 Pole	4 Pole	
1	415099	1	..	..	Operating shaft for pull rod lever
1	415103	..	1	..	Operating shaft for pull rod lever
1	415104	..	..	1	Operating shaft for pull rod lever
2	415102	2	3	4	Bearing for operating shaft
3*	32128	3	4	5	Key for shaft and lever
4	422245	3	4	5	Lever for operating shaft and pull rod
5	63621	3	4	5	Shaft for operating rod and pull rod
6	422254	6	7	8	Rod end for operating lever, bell crank and handle lever
7	.....	8	10	12	Pipe nut, 3/4"-10 (standard hardware), for pull rod and operating rod
8	62622	1	1	1	Shaft for handle lever and rod end
9	415101	1	1	1	Bell crank
10	415100	1	1	1	Bracket for bell crank
11	273374	1	1	1	Shaft for bell crank and bracket
12	63621	2	2	2	Shaft for bell crank and rod end

*Not illustrated.

REMOTE CONTROL MECHANISM, COVER PLATES AND DETAILS

For 300 and 600 Amperes, 25,000 Volts, 2, 3 and 4 Poles, Automatic Breakers



ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
1	415095	1	Cover plate for 2 pole breakers
1	415098	1	Cover plate for 3 and 4 pole breakers
2	.....	3	Tap bolt, $\frac{1}{2}$ "x3" (standard hardware), to mount cover plate
3	2892	3	Washer for bolt
4	.....	3	Hexagon iron nut, $\frac{1}{2}$ "-13 (standard hardware), for bolt
5	88353	1	Shaft for cover plate and handle lever
6	176916	1	Operating lever with latch
7	235973	1	Latch for operating lever
8	193913	2	Rivet for latch and lever
9	85758	1	Trigger with stop block
10	276773	1	Trigger block
11	85760	1	Shaft for trigger
12*	72065	1	Spring for trigger
13	277131	1	Wood handle grip with stud
14	114187	1	Wood handle grip without stud
15*	114241	1	Stud for handle grip
16	75971	1	Push button
17	193915	1	Push rod
18*	100500	1	Spring for push rod
19	276774	1	Handle block
20*	114186	1	Rivet for stop and push rod
21	186308	1	Roller
22	415096	1	Trip lever for 2 pole breakers only
23	63587	1	Shaft for trip lever and roller
24	172132	1	Shaft riveted in side bar for trip lever
25	276771	1	Right hand side bar
26	276772	1	Left hand side bar
27	193914	4	Rivet for side bar
28*	114185	1	Stop for push rod
33	65150	1	Shaft for operating lever and rod end
34	150614	1	Magnetic circuit complete but without coil. For details see Page 20
35*	.....	4	Fillister head iron machine screw, No. 14-24x1 $\frac{1}{2}$ " (standard hardware), to mount magnetic circuit
36	214596	1	Bell crank complete to connect to operating shaft lever consisting of reference numbers 37 to 42 inclusive
37	272856	1	Bell crank
38	272857	1	Bracket
39	125685	1	Shaft

*Not illustrated.

REMOTE CONTROL MECHANISM, COVER PLATES AND
DETAILS—Continued

For 300 and 600 Amperes, 25,000 Volts, 2, 3 and 4 Pole, Automatic Breakers

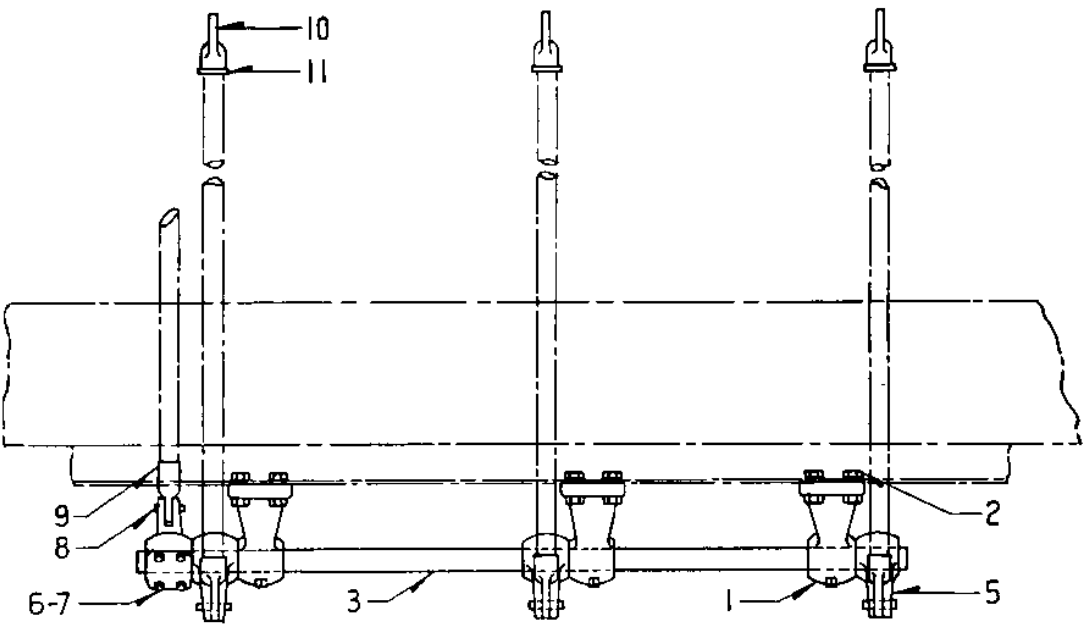
Illustrated on Page 23

ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
40	72281	1	Adjustable rod end
41	83129	1	Non-adjustable rod end
42	83813	2	Shaft
43	185952	4	Lever for operating shaft
44	69779	3	Bearing for operating shaft
45	415092	1	Operating shaft for lever
46*	79828	4	Key for lever and shaft
47	83129	4	Rod end for lever and pull rod
48*	.....	8	Tap bolt, 3/8"x2 1/2" (standard hardware), to fasten lever to shaft
49*	.....	8	Hexagon iron nut, 3/8"-16 (standard hardware), for bolt
50	72281	1	Rod end for bell crank and handle lever operating rod
51	241492	1	Rod end for bell crank and operating shaft lever
52*	83129	1	Rod end for operating handle
53*	.....	2	M.I. pipe nut, 3/4" (standard hardware), for rod end
54*	72281	1†	Adjustable rod end

REMOTE ELECTRIC CONTROL MECHANISM

For 2000 Amperes, 15,000 Volts

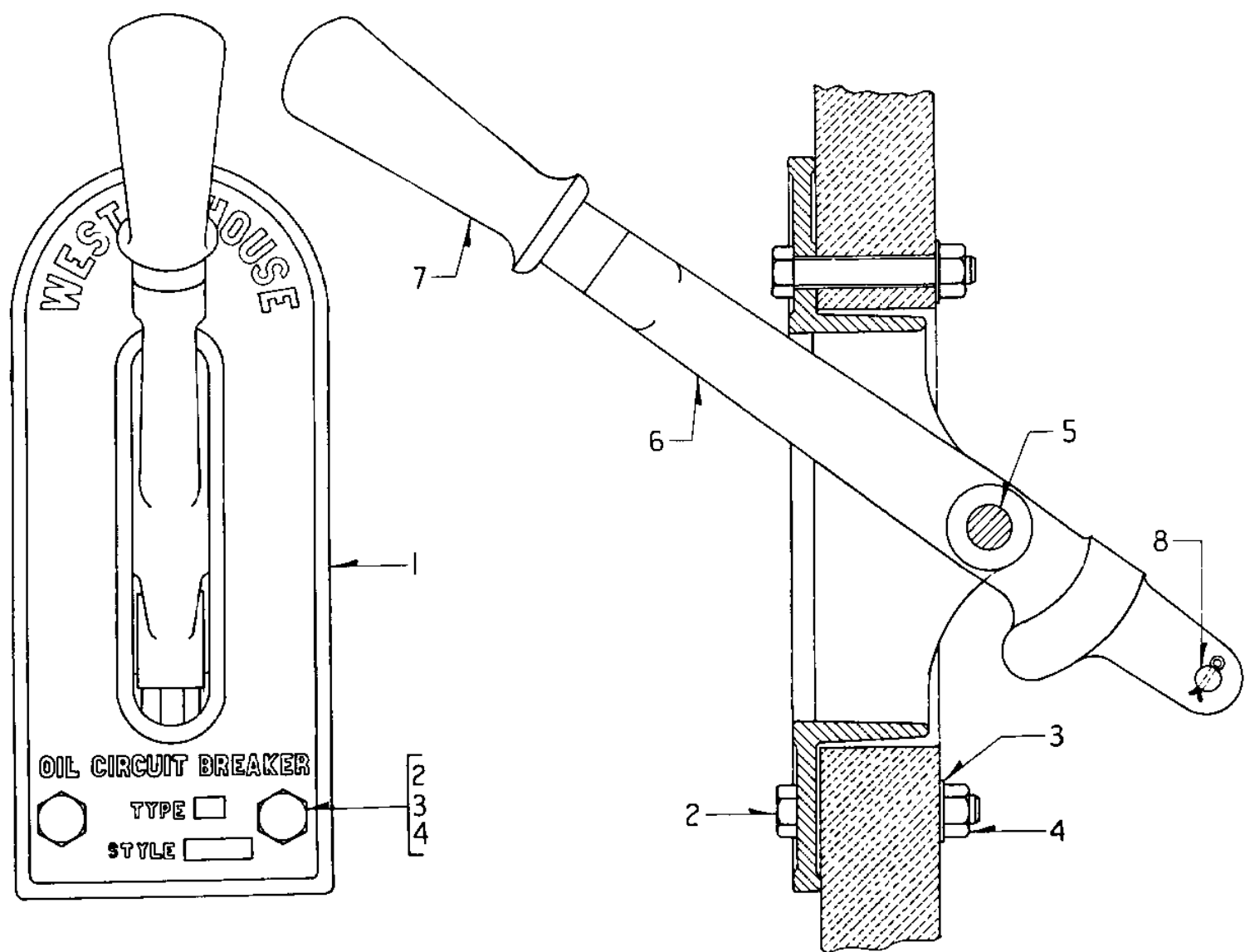


Ref. No.	Style No.	No. Per Breaker	Description
1	422218	3	Bearing for shaft
2	.....	12	Machine bolt, 1/2"x1 3/4" (standard hardware), to mount bearing for shaft
3	422247	1	Shaft for lever
4*	32128	4	Key for shaft and lever
5	422245	4	Lever for shaft and pull rod
6	.....	16	Tap bolt, 1/2"x2 1/2" (standard hardware), to fasten lever to shaft
7	.....	16	Lock washer, 1/2" (standard hardware), for bolt
8	63621	4	Bearing pin for lever and rod end
9	422254	4	Rod end for bottom of operating rod and pull rod
10	72289	4	Rod end for top of operating rod and pull rod
11	.....	4	Pipe nut, 3/4" (standard hardware), for operating rod and pull rod

*Not illustrated.
†One per pole.

COVER PLATE AND DETAILS

For 300 and 600 Amperes, 2, 3 and 4 Pole, Non-Automatic Breakers



ORDER PARTS BY STYLE NUMBER AND DESCRIPTION

Ref. No.	Style No.	No. Per Breaker	Description
1	38731	1	Cover plate complete consisting of reference numbers 1 to 5 inclusive
2	.....	3	Tap bolt, 1/2"x3" (standard hardware), to mount cover plate casting
3	2892	3	Washer for bolt
4	.....	3	Hexagon nut, 1/2"-13 (standard hardware), for bolt
5	63634	1	Shaft for cover plate and handle lever
6	415093	1	Handle lever
7	44927	1	Handle grip
8	83814	1	Shaft for handle lever and rod end
9*	72281	1	Rod end
10*	.....	1	M.I. pipe nut, 3/4" (standard hardware), for rod end and operating rod
11*	33149	1	Bell crank for lower end of operating rod
12*		2	Machine bolt, 3/4"x1 3/4" (standard hardware), to mount bell crank

*Not illustrated.

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