



R14 CONTROL RELAYS

When ordering renewal parts, specify the type letter of relay and index number of part desired. In addition specify type letter and serial number shown on name plate of circuit breaker, Urelite or cubicle.

When ordering coils, specify the voltage a-c or d-c and the frequency of the circuit in which the coil is to be connected. Specify the coil number marked on the coil. Refer to this bulletin with index number and name of part.

Series 14-A Pick-up type for momentary contact control (2 blowout coils).

Series 14-B Non-repeat type for momentary contact control (2 blowout coils).

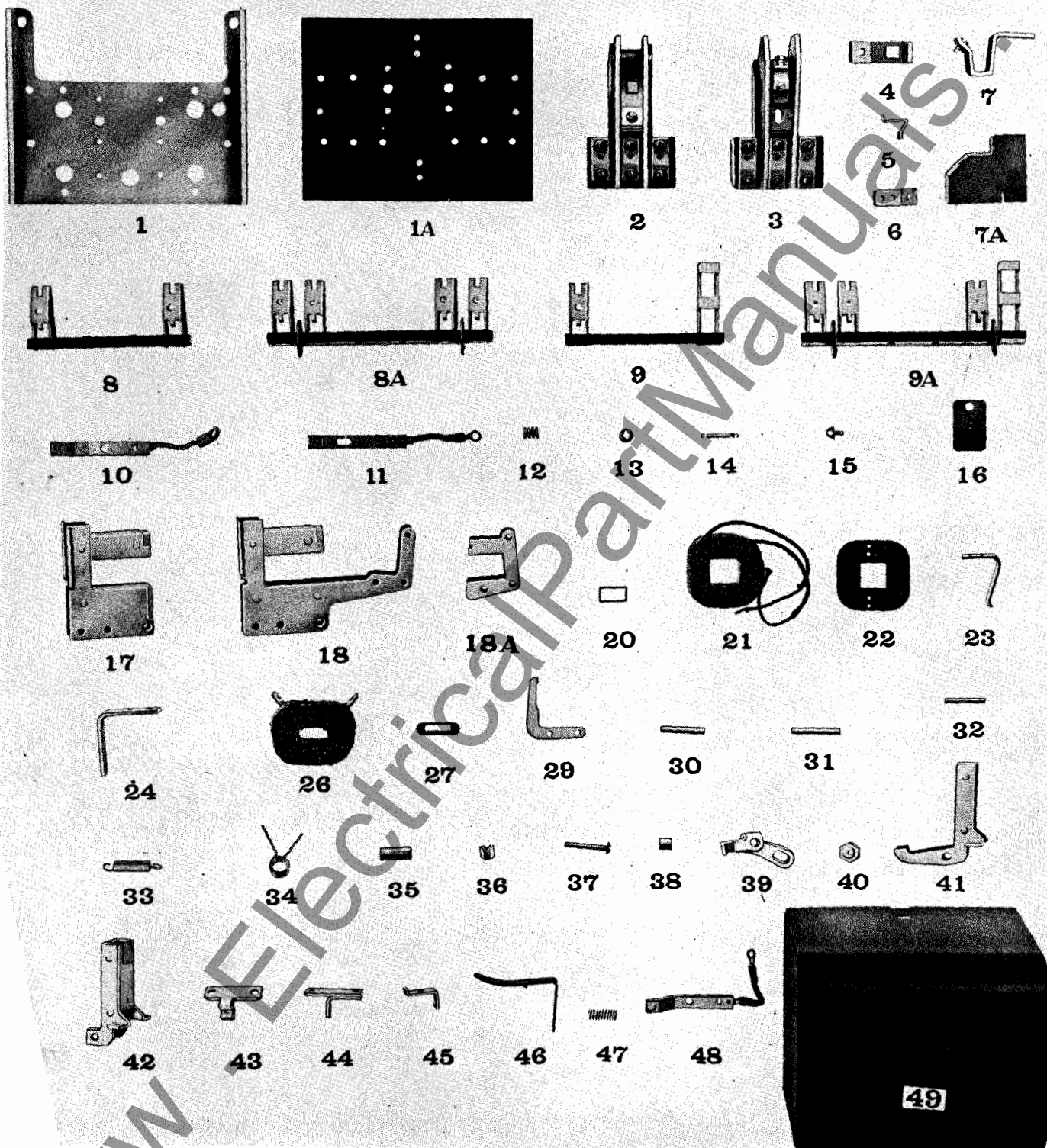
Series R14-C Non-repeat float type for maintained contact control (1 blowout coil, 1 float contact).

Series R14-D Non-repeat float contact type for maintained contact control (2 blowout coils, 1 float contact, with or without 1 auxil-

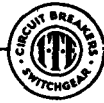
Series R14-E Auxiliary relay voltage type (4 auxiliary contacts).

RELAY INDEX No.	SERIES LETTER	NAME OF PART	PRICE PER PART	RELAY INDEX No.	SERIES LETTER	NAME OF PART	PRICE PER PART
1	ABCDE	Relay base (front connected)	\$6.30	21	ABCDE	Coil (pick-up)	\$7.08
1A	ABCDE	Relay base (back connected)	7.85	22	ABCDE	Coil washer (pick-up)	.39
2	ABC	Stationary contact unit a-c	9.43	23	ABCDE	Coil clip (pick-up)	.33
2A	ABC	Stationary contact unit d-c	9.43	24	ABCDE	Coil clip support (pick-up)	.79
3	C	Stationary contact unit	4.80	26	BCD	Coil (holding)	6.30
4	ABCD	Stationary contact (blowout)	1.58	27	BCD	Shading ring (holding)	.16
5	CD	Stationary contact (float)	.79	29	BCD	Bracket (holding coil)	.33
6	ABCDE	Lower terminal	.23	30	AE	Armature pin (1/4" x 1 1/4" long)	.39
7	CDE	Stationary contact bracket (aux. and float)	1.17	31	BCD	Armature pin (1/4" x 1-7/16" long)	.39
7A	CDE	Side block molding (aux. and float)	2.37	32	ABCDE	Spring pin (3/16" x 1-3/16" long)	.16
8	AB	Contact bar (2 blowouts)	2.37	33	AE	Spring (adjusting)	.39
8A	E	Contact bar (4 aux. contacts)	4.80	34	BCD	Spring (adjusting)	.33
9	C	Contact bar (1 blowout and 1 float contact)	2.37	35	BCD	Spring bushing (adjusting)	.62
9A	D	Contact bar (2 blowouts, 1 float and 1 aux. contact)	4.80	36	AE	Nut (adjusting)	.48
10	ABCD	Blowout contact (moving)	1.97	37	AE	Screw (adjusting)	.16
11	CD	Float contact (moving)	1.17	38	AE	Spacer bushing	.33
12	ABCD	Spring (blowout)	.23	39	BCD	Lever (adjusting)	.5
13	ABCDE	Spring cup	.08	40	BCD	Eccentric nut (adjusting)	
14	CD	Spring (float contact)	.23	41	AE	Armature	
15	CD	Spring link (float contact)	.07	42	BCD	Armature	
16	CD	Spring anchor (float contact)	.16	43	AE	Adjusting bracket (armature)	
17	AE	Magnet (single coil)	6.30	44	BCD	Adjusting bracket (armature)	
18	BCD	Magnet (pick-up)	9.43	45	DE	Stationary contact (auxiliary)	
18A	BCD	Magnet (holding)	3.14	46	ABCDE	Cover clip (back connected)	
20	ABCDE	Shading ring (pick-up)	.16	47	DE	Spring (aux. contact)	
				48	DE	Auxiliary contact (moving)	
				49	ABCDE	Cover (back connected)	

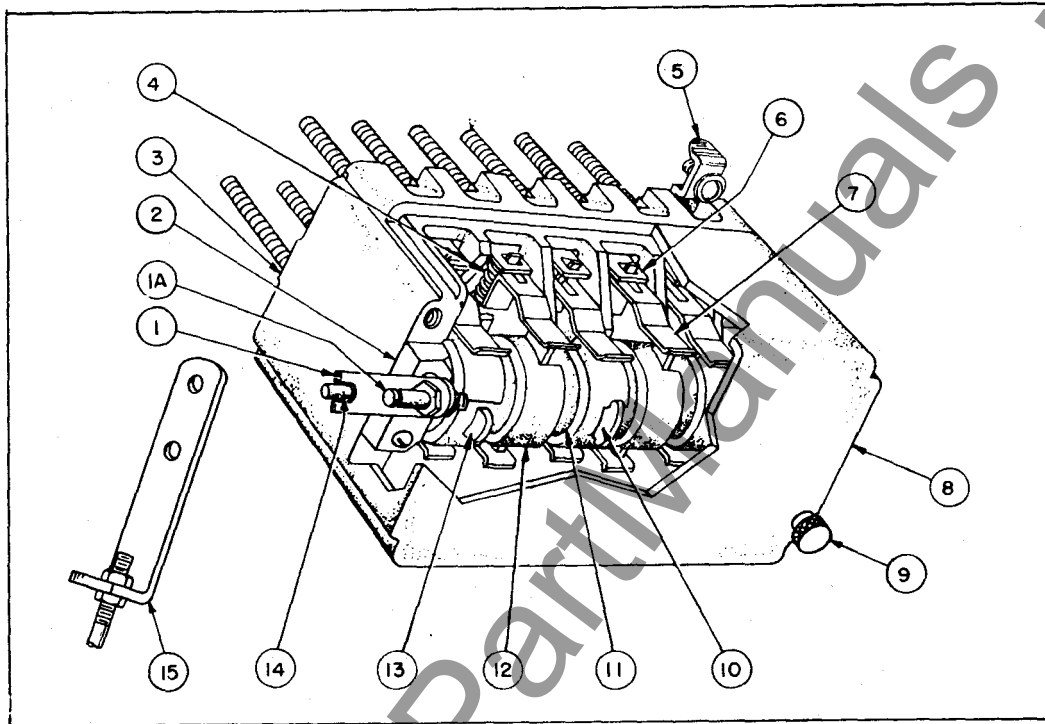
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10986R



AUXILIARY SWITCHES TWO AND SIX CONTACTS



S-11558

Note: When ordering renewal parts, always give the Serial Number of the Circuit Breaker for which auxiliary switch renewal parts are required and refer to this Bulletin Number with Index Number and Name of Part.

INDEX No.	Name of Part	PRICE PER PART	INDEX No.	Name of Part	PRICE PER PART
	Auxiliary Switch (2 contacts)	\$15.00	8	Molded cover (6 contacts)	\$ 9.43
	Auxiliary Switch (6 contacts)	36.00	8A	Molded cover (2 contacts)	4.70
1	Crank	.96	9	Cover screw	.32
1A	Crank stud	.21	10	Rotating contact (long)	.40
2	Molded bearing	.40	11	Bushing	.17
3	Molded base (6 contacts)	12.58	12	Rotating contact holder	.40
3A	Molded base (2 contacts)	6.28	13	Rotating contact (short)	.40
4	Stationary contact spring	.07	14	Shaft with insulation (6 contacts)	1.33
5	Front connected terminal	.17	14A	Shaft with insulation (2 contacts)	.96
6	Stationary contact support	.17	15	Connecting rod head	.37
7	Stationary contact	.25			

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RENEWAL PARTS

BULLETIN RP-7150

TYPE 5 HV-150 CIRCUIT BREAKERS
RATINGS 600-1200, 2000

*- Indicates not shown

**- Prices furnished on request.

UNIVERSAL PARTS (Fig. 1)

INDEX	NAME OF PART	PRICE PER PART
1	Arc Chute Assem. complete	\$190.00
2	Interphase barrier complete	60.00
3	Top strip	3.00
4	Front cover	15.00
5	Medalion	.46
6	Interphase barrier block	.65
7	Front sheet	5.25
8	Side sheet	5.50
9	Intermediate Sheet	5.50
10	Corner strip (side & front)	3.25
*11A	Corner strip (side & top)	2.25
*11B	Corner strip (inside top & front center)	.75
*11C	Corner strip (inside top & front sides)	.85
*12	Support strip	1.55
13	Top sheet	3.00
14	Interphase barrier retaining block	.80
14A	Interphase barrier retaining block	.80
*15	Front cover assem.	17.50
*16	Side sheet assem.	9.00
*16A	Side sheet assem.	9.00
17	Finger assem. (600 & 1200 amps.)	2.75
*17A	Finger assem. (2000 amps.)	3.25
18	Washer (600 & 1200 amps.)	.10
*18A	Washer (2000 amps.)	.10
19	End plate (600 & 1200 amps.)	.15
*19A	End plate (2000 amps.)	.75
20	Stud (finger assem.)	1.75
*21	Back sheet (2000 amps.)	7.50
22	Interphase barrier support	.90
22A	Interphase barrier support	.75
23	Interphase barrier trim angle	7.50
24	Lead support clamp (600 & 1200 amps.)	2.40
25	Back sheet (600 & 1200 amps.)	6.50
26	Interphase barrier base	5.50
27	Interphase barrier base runner (L.H.)	2.75
27A	Interphase barrier base runner (R.H.)	2.75
28	Angle (Interphase Barrier)	4.80
*29	Finger assem. (2000 amps.)	2.50
30	Wheel (rear)	2.15
31	Front wheel block assem.	12.00
32	Washer	.03
33	Torrington needle bearing BR1216	1.50
*34	Torrington bearing BR1212	2.50
35	Wheel screw (600 & 1200 amps.)	1.50
*35A	Wheel screw (2000 amps.)	1.00
36	Manual trip lever	1.75

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38	Terminal block, (2 wire)	\$ 1.11
39	Front wheel support assem.(600 & 1200 A.)	18.50
*39A	Front wheel support assem. (2000 amps.)	18.50
40	Front wheel assem.	20.00
41	Rear wheel support bar (600 & 1200 amps.)	4.75
*41A	Rear wheel support bar (2000 amps.)	4.75
42	Breaker roller	1.15
43	Lead supporting plate (600 & 1200 amps.)	.75
*44	Support angle (600 & 1200 amps.)	.30
45	Arc chute support plate (600 & 1200 amps)	2.75
*45A	Arc chute support plate (2000 amps.)	.85
*46	Center lead support (600 & 1200 amps.)	6.25
*46A	Center lead support (2000 amps.)	.30
*46B	Center lead support (2000 amps.)	.30
47	Outside lead support (600 & 1200 amps.)	12.00
*47A	Outside lead support (600 & 1200 amps.)	12.00
*47B	Outside lead support (2000 amps.)	**
*47C	Outside lead support (2000 amps.)	**
48	Rear wheel support (600 & 1200 amps.)	8.00
49	Breaker guide support (600 & 1200 amps.)	8.00
*49A	Breaker guide support (2000 amps.)	8.00
50	Ground contact bracket (L.H.)	1.40
50A	Ground contact bracket (R.H.)	1.40
51	Ground contact	2.00
52	Ground contact pivot pin	.85
*53	Ground contact bushing	.50
54	Spring (ground contact)	1.10
55	Shutter kick pin (600 & 1200 amps.)	.75
*56	Special washer (600 & 1200 amps.)	.10
*56A	Special washer (2000 amps.)	.08
*57	Upper arc supporting plate (2000amps.)	5.00
*58	Floor wheel (2000 amps.)	2.15
*59	Square "D" Co. contact block Type TA	4.50
60	Mounting angle	4.40
61	Switch lever assem.	2.20
*63	Trip lever nut	1.00
64	Terminal block 6 wire (600 & 1200 amps.)	2.00
65	Rectox rectifier	14.96
66	Ward Leonard ribflex resistor	8.47
66A	Ward Leonard ribflex resistor 3 ohms	3.47
67	Bus (600 & 1200 amps.)	1.15
67A	Bus (600 & 1200 amps.)	1.15
*67B	Bus (2000 amps.)	1.35
68	Rubber grommet #1203A (600 & 1200 amps) (Rectox Assem.)	.15
*69	Bracket (capacitor Cornell Dublier) (600 & 1200 amps.)	**
70	Bracket (capacitor transformer (600 & 1200 amps.)	2.50
71	Rectifier (Westinghouse or G.E.) (600 & 1200 amps.)	**
72	Rectifier spacer plate (600 & 1200 Amps)	.80
*73	Transformer (air design)(600 & 1200 A.)	**
74	Capacitor (Cornell Dublier 40 Mfd. (600 & 1200 amps.)	**
75	Capacitor trip plate (600 & 1200 amps.)	**
*75A	Capacitor trip plate (2000 amps.)	3.50
76	Ground screw assem.	2.40

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77	Breaker guide shim	\$.08
77A	Breaker guide shim	.08
78	Breaker guide	22.00
*79	Breaker guide bushing	.25
*80	Ground screw support spacer	.35

BLOWOUT STRUCTURE, UPPER ASSEMBLY & CURRENT CARRYING PARTS (Fig. 2)

90	Spring clip	.30
91	Spacer block	.35
92	Support blocks	6.00
93	Coil retainer { Rear }	3.50
93A	Coil retainer { Front }	4.00
94	Blowout coil spacer 1/16 thick	.15
94A	Blowout coil spacer 1/8 thick	.20
95	Blowout iron core { 600 & 1200 amps. }	8.00
*95A	Blowout iron core { 2000 amps. }	5.00
96	Blowout coil { 600 & 1200 amps. }	42.50
*96A	Blowout coil { 2000amps. }	22.18
97	Clamp plate	1.00
98	Retaining bar	.60
99	Molded support block spacer	.20
100	Support plate	5.50
101	Blowout iron assem.	10.00
102	Upper terminal { 600 & 1200 amps. }	20.00
*102A	Upper terminal { 2000 amps. }	25.00
103	Bakelite tube { 600 & 1200 amps. }	8.95
*103A	Bakelite tube { 2000 amps. }	18.15
104	Spring retainer angle { 600 & 1200 amps. }	.20
*104A	Spring retainer angle { 2000 amps. }	.30
105	Spring retainer { 600 & 1200 amps. }	1.75
*105A	Spring retainer { 2000 amps. }	3.25
106	Main contact { 600 & 1200 amps. }	6.50
*106A	Main contact { 2000 amps. }	16.94
*106B	Main contact { 2000 amps. }	16.94
*106C	Main contact { 2000 amps. }	14.52
*106D	Main contact { 2000 amps. }	14.52
107	Pivot tube	2.72
108	Spring plug	1.03
109	Stationary arc contact { 600 & 1200 A } { RH }	12.00
109A	Stationary arc contact { 600 & 1200 A } { LH }	12.00
*109B	Stationary arc contact { 2000 amps. } { R.H. }	10.89
*109C	Stationary arc contact { 2000 amps. } { L.H. }	14.52
110	Insulation block { 600 & 1200 amps. }	3.50
*110A	Insulation block { 2000 amps. }	.75
111	Insulation spacer { 600 & 1200 amps. }	.15
*111A	Insulation spacer { 2000 amps. }	.15
112	Connection clip support	2.75
113	Support block	6.50
114	Support block spacer	.40
115	Bridge { 600 & 1200 amps. }	15.00
*115A	Bridge { 2000 amps. }	48.40
116	Pivot spring	.79
117	Arc contact { R.H. }	12.10
117A	Arc contact { L.H. }	12.10

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118	Spring retainer	\$.40
119	Spring guide	1.25
120	Arc contact spacer	.15
121	Lower terminal (600 & 1200 amps.)	22.00
*121A	Lower terminal (2000 amps.)	25.00
*121B	Lower terminal spacer (2000 amps.)	.60
*121C	Lower terminal extension (2000 amps.)	3.50
122	Bridge shield plate (600 & 1200 amps.)	.30
*122A	Bridge shield plate (2000 amps.)	.45
123	Main contact spring	.42
124	Arc contact spring	1.03

OPERATING MECHANISM (Fig. 3)

130	Coil (125 Volts D.C.)(600 & 1200 Amps.)	74.79
130A	Coil (125 Volts D.C.)(2000 amps.)	74.79
*131	Nameplate	.20
*132	Trip lever	1.21
*133	Trip shaft spring	.75
134	Bushing (600 & 1200 amps.)	.35
135	Mechanism housing support	1.35
135A	Mechanism housing support	2.00
136	Solenoid top plate (600 & 1200 amps.)	24.00
137	Solenoid side plate	4.00
138	Solenoid gasket (600 & 1200 amps.)	.65
139	Solenoid bottom plate	17.50
140	Air gap washer	.45
141	Guide tube end	5.75
142	Plunger guide tube	20.00
143	Aux. closing pot	.59
*144	O-Ring packing 6227-52 Arrow-Head Rubber Co.	.75
*144A	O-Ring packing 6227-47 Arrow-Head Rubber Co.	.75
145	Solenoid plunger	10.00
146	Main latch spring (600-1200 amps.)	.59
146A	Main latch spring (2000 amps.)	1.51
147	Hand closing bracket shaft (600 & 1200 A.)	1.63
147A	Hand closing bracket shaft (2000 amps.)	.85
148	Outside link assem. (600 & 1200 amps.)	7.60
148A	Outside link assem. (2000 amps.)	6.50
149	Inside link assem. (600 & 1200 amps.)	3.70
149A	Inside link assem. (2000 amps.)	7.00
150	Toggle fork (600 & 1200 amps.)	3.30
150A	Toggle fork (2000 amps.)	8.00
151	Toggle center roller (600 & 1200 amps.)	2.90
151A	Toggle center roller (2000 amps.)	3.93
152	Toggle center pin roller (600 & 1200 A.)	.60
152A	Toggle center pin roller (2000 amps.)	.75
153	Toggle pin bushing (600 & 1200 amps.)	2.12
154	Outer race (2000 amps.)	3.50
*155	Torrington needle bearing #BR1012 (2000A.)	.85
*156	Stud (600 & 1200 amps.)	.44
157	Trip shaft bearing (600 & 1200Amps.)	.42
*158	Latch stop (600 & 1200 amps.)	1.51
158A	Latch stop (2000 amps.)	1.00
159	Spring (toggle reset)(600 & 1200 Amps)	2.12
160	Housing assem. (600 & 1200 amps.)	60.00
160A	Housing assem. (2000 amps.)	95.00

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161	Eccentric stop	\$ 2.15
162	Main latch (600 & 1200 amps)	11.80
162A	Main latch (2000 amps.)	42.35
163	Closing handle bracket assem(600 & 1200A)	8.30
163A	Closing handle bracket assem. (2000 amps)	15.00
164	Buffer support spacer (600 & 1200 amps)	1.10
164A	Buffer support spacer (2000 amps.)	.85
165	Split bearing (600 & 1200 amps.) used together	2.90
165A	Split bearing (600 & 1200 amps.) used together	2.90
165B	Split bearing (2000 amps.)used together	5.00
165C	Split bearing (2000 amps.)used together	5.00
166	Opening spring (600 & 1200 amps.)	4.00
166A	Opening spring (2000 amps.)	4.84
167	Trip shaft (600 & 1200 amps.)	4.00
167A	Trip shaft (2000 amps.)	7.87
168	Buffer supt. assem. (600 & 1200 amps.)	7.00
168A	Buffer supt. assem. (2000 amps.)	8.00
*169	Switch contact arm (600 & 1200 amps.)	2.75
*169A	Switch contact arm (2000 amps.)	2.00
*170	Switch bracket	2.25
*171	Spring	1.51
*172	Square "D" Co. switch CL9001, Type TA	4.50
173	Push plate (600 & 1200 amps.)	1.50
174	Push rod assem. (600 & 1200 amps.)	5.00
174A	Push rod assem. (2000 amps.)	6.66
175	Buffer bracket assem. (600 & 1200 amps.)	3.00
176	Buffer housing with lining (600 & 1200 A)	16.00
176A	Buffer housing with lining (2000 amps.)	16.00
177	Brake lining (600 & 1200 amps.)	.55
*177A	Brake lining (2000 amps.)	2.50
178	Shoe (600 & 1200 amps.)	5.00
178A	Shoe (2000 amps.)	5.00
179	Spring (600 & 1200 amps.)	1.25
*179A	Spring (2000 amps.)	1.25
180	Steel tube	.30
181	Buffer plate crank	1.00
182	Buffer crank	.30
183	Buffer plate (600 & 1200 amps.)	1.75
183A	Buffer plate (2000 amps.)	3.25
*184	Small spring (2000 amps.)	.75
185	Toggle pin rear (600 & 1200 amps.)	.63
185A	Toggle pin rear (2000 amps.)	.85
186	Outside link pin (600 & 1200 amps.)	1.15
186A	Outside link pin (2000 amps.)	2.50
187	Toggle pin rear (2000 amps.)	.85
187A	Toggle pin (rear) (2000 amps.)	3.00
*188	Norma Hoffman Ball Bearing/S-5-R-PP(2000A)	3.25
*189	Trip latch buffer (2000 amps.)	.75
190	Trip latch assem. (2000 amps.)	6.05
191	Torrington needle bearing (2000 amps.)	1.51
192	Trip latch spring (2000 amps.)	1.21
193	Air check seat assem. (2000 amps.)	4.00
194	Air check ball (2000 amps.)	.10
195	Air check spring (2000 amps.)	.42
*196	Trip latch buffer pad-main (2000 amps.)	.40
*197	Bushing latch spring (2000 amps.)	.59
*198	Bushing hand closing bracket (2000 A.)	.85
199	BB switch push rod (2000 amps.)	1.30

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200	Toggle Center Pin (600 & 1200 amps)	\$ 1.00
200A	Toggle Center Pin (2000 Amps)	1.50
201	Bridge closing link (600 & 1200 amps.)	3.50
201A	Bridge closing link (2000 amps.)	5.00
202	Bridge closing link pin (600 & 1200 Amps.)	.60
202A	Bridge closing link pin (2000 amps.)	1.30
203	Adjusting screw (600 & 1200 amps.)	.50
203A	Adjusting screw (2000 amps.)	.80
204	Closing arm pin (600 & 1200 amps.)	.90
204A	Closing arm pin (2000 amps.)	1.50
205	Closing arm assem (600 & 1200 amps.)	35.00
250A	Closing arm assem. (2000 amps.)	45.00
206	Plug (closing arm assem.)	.15

TRIP CAM BRACKET ASSEMBLY (Fig. 4)

215	Trip cam bracket assem.	4.25
216	Shaft assem.	1.75
217	Trip cam	2.25
218	Plate	.80
219	Roller stud	.85
220	Connecting plate	1.25
221	Trip shaft spring arm	.60
222	Trip lever extension	.55
223	Trip lever	1.75
224	Connecting stud	.75

RACKING AND VISUAL ASSEMBLY (Fig

230	Indicator nameplate	2.00
231	Cutler Hammer Switch	5.25
232	Closing handle bracket spring	.59
233	Visual spring (600 & 1200 amps.)	.65
234	Shutter return spring	.46
235	Shutter	.54
236	Indicator	2.00
237	Veeder counter spring link	1.00
238	Manual trip shaft spring	.91
239	Veeder counter return count	8.50
240	Indicator pivot pin	.20
241	Manual trip button	.90
242	Cover plate (push switch)	.75
243	Switch bushing	.15
244	Slide guide plate assem.	3.75
245	Handle assem. (unlock & lock)	1.85
246	Shoulder screw (left side)	.75
246A	Shoulder screw (Right Side)	.90
247	Racking bolt	1.75
248	Wheel screw	1.00
249	Slide plate assem.	1.25
250	Indicator plate	.30
251	Manual trip shaft	1.60
*252	Manual trip rod (2000 amps.)	1.25
253	Visual tie bar	.60
254	Groove pin (racking in shaft bushing)	.10
255	Racking in shaft	5.00
256	Pointer	3.00
257	Pointer operating rod	1.20
258	Bearing block	1.00
259	Pointer operating arm	.25

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*260	Pointer operating arm pin	\$.30
261	Racking in shaft "oillete" bearing	.35
261A	Racking in shaft "oillete" bearing	.60
262	Breaker nameplate	1.20
263	Racking in screw bracket assem. (600 & 1200 amps)	25.00
*264	Racking in screw bracket assem. (2000 A.)	26.00
265	Racking in bar assem.	29.00
266	Switch mounting block	1.35
267	Switch mounting stud	.30
268	Floating nut	3.50
269	Thrust plate	2.00
270	Spring post	.35
271	Aux. roller (front)	1.25
271A	Aux. Roller (back)	1.25
272	Aux. Roller pin (front)	.35
273	Auxiliary roller pin (back)	.25
*274	Spring clip	1.00
275	Slotted indicator link	.10
276	Manual trip rod (600 & 1200 amps.)	1.70
*277	Padlock hinge plate	5.75
*278	Padlock plate	2.50
*279	Breaker nameplate (padlock Assem.)	1.50
280	Spacer bushing for visual link (600 & 1200 amps.)	.30
*280A	Spacer bushing for visual link(2000 Amps)	.10

CONTROL PANEL ASSEMBLY (Fig. 6)

290	Aux. switch lever	1.00
291	Aux. switch crank	.15
292	Control panel (600 & 1200 amps.)	10.00
*292A	Control panel (2000 amps.)	7.00
293	Control contacts	3.00
294	Resistor 1000 ohms	3.03
295	Guide tube & plug assem. (shunt trip)	3.85
296	Plunger (shunt trip)	.75
297	Trip coil bracket	2.35
298	Coil 125 Volts D.C.	9.08
*298A	Coil 250 Volts D.C. & A.C.	9.08
*298B	Coil 48 Volts D.C.	9.08
*298C	Coil 24 Volts D.C.	9.08
299	Plunger pin	.45
300	R14-D2F closing relay	60.50
301	Aux. switch (code 6-03)	35.00
302	Rubber grommet (Yeager Rubber Co.#1230-A)	.30
303	Control contact mtg. plate	3.35
304	Control contact dummy plate	.60
*305	Connecting rod head (aux. switch)	.35
306	Aux. Switch base	2.60
*307	Shouldered stud link (aux. switch)	.25
	(For R14 Control Relay Renewal Parts refer to Bulletin RP-1003-R14)	
	(For auxiliary Renewal Parts Refer to Bulletin RP-1003-AUX.)	

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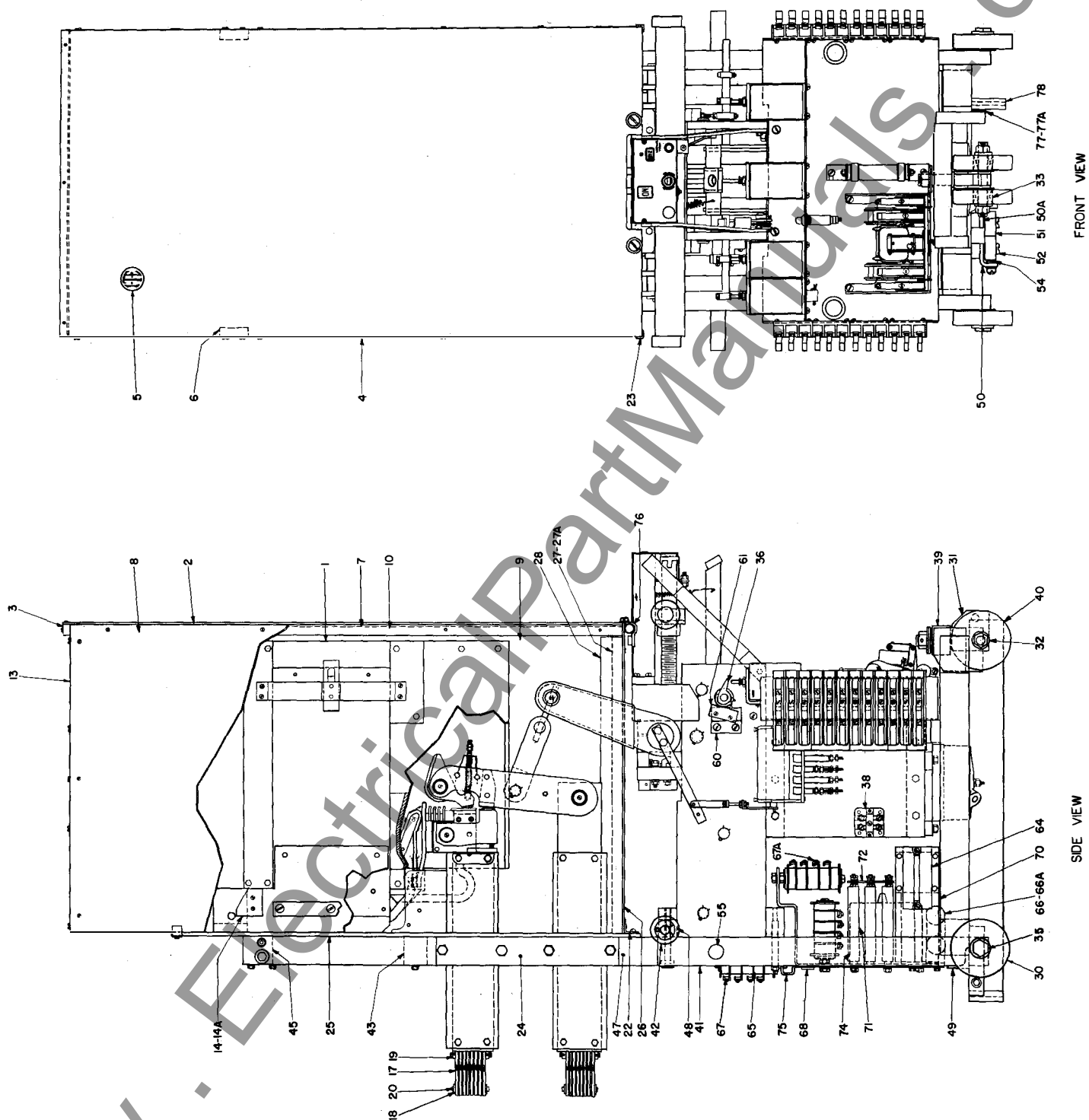


FIGURE 1 5HV-150 CIRCUIT BREAKER SIDE AND FRONT CROSS SECTION



DWG. 8-11562

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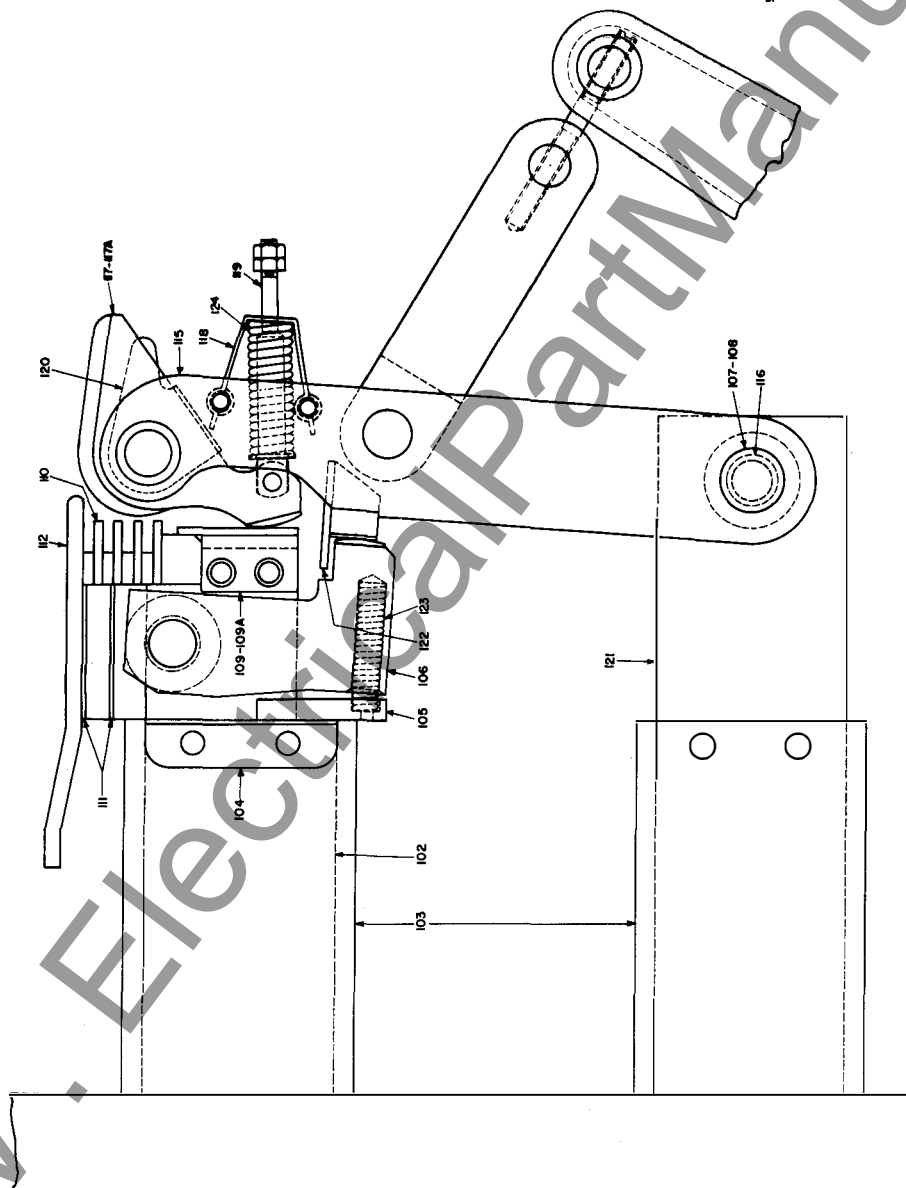
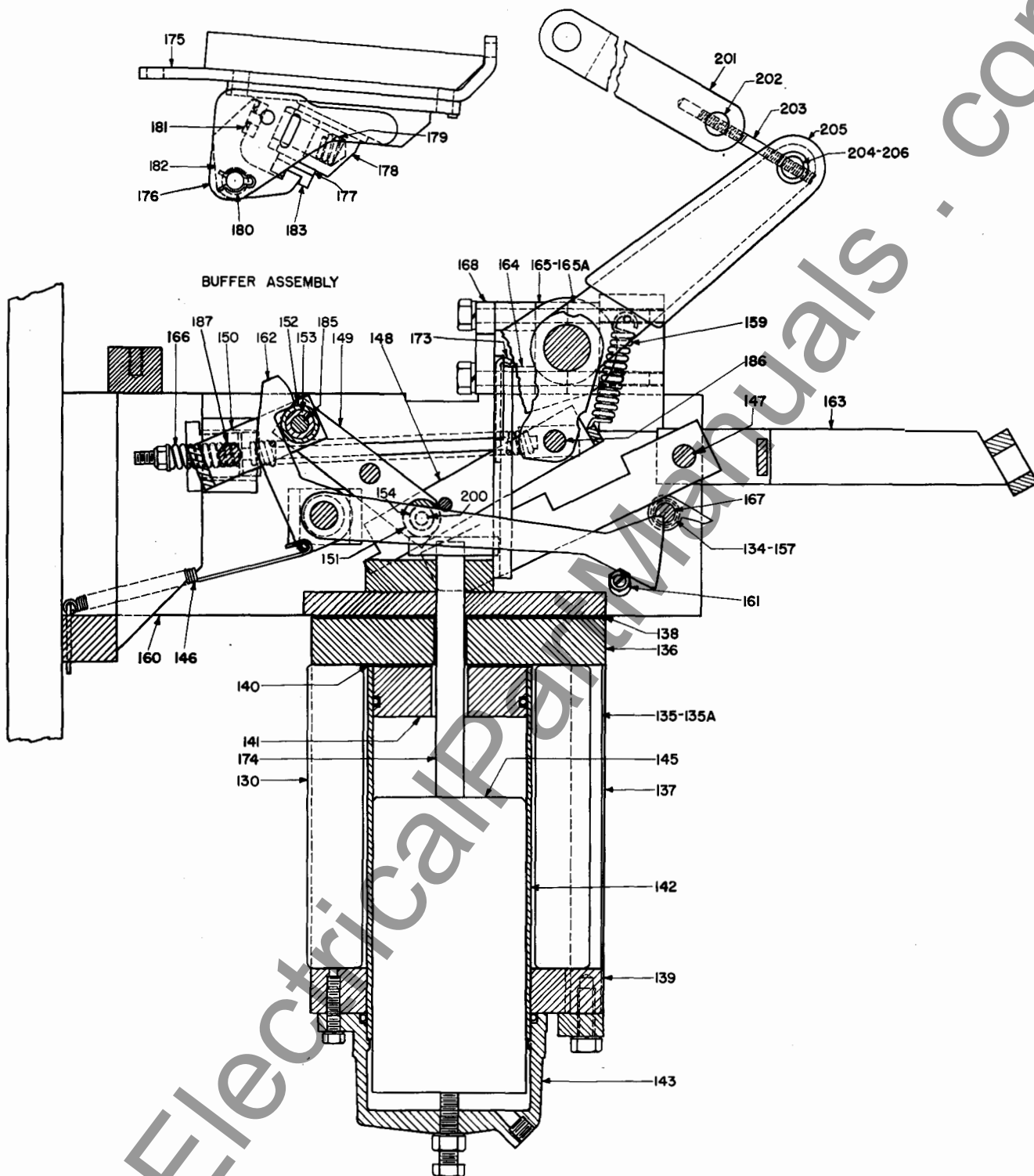


FIGURE 2 UPPER AND LOWER TERMINAL BRIDGE ARM ASSEMBLY
AND BLOWOUT STRUCTURE TYPE 5HV-150



DWG. 8-11583

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OPERATING MECHANISM ASSEMBLY 8

SOLENOID ASSEMBLY

600-1200 Amps.

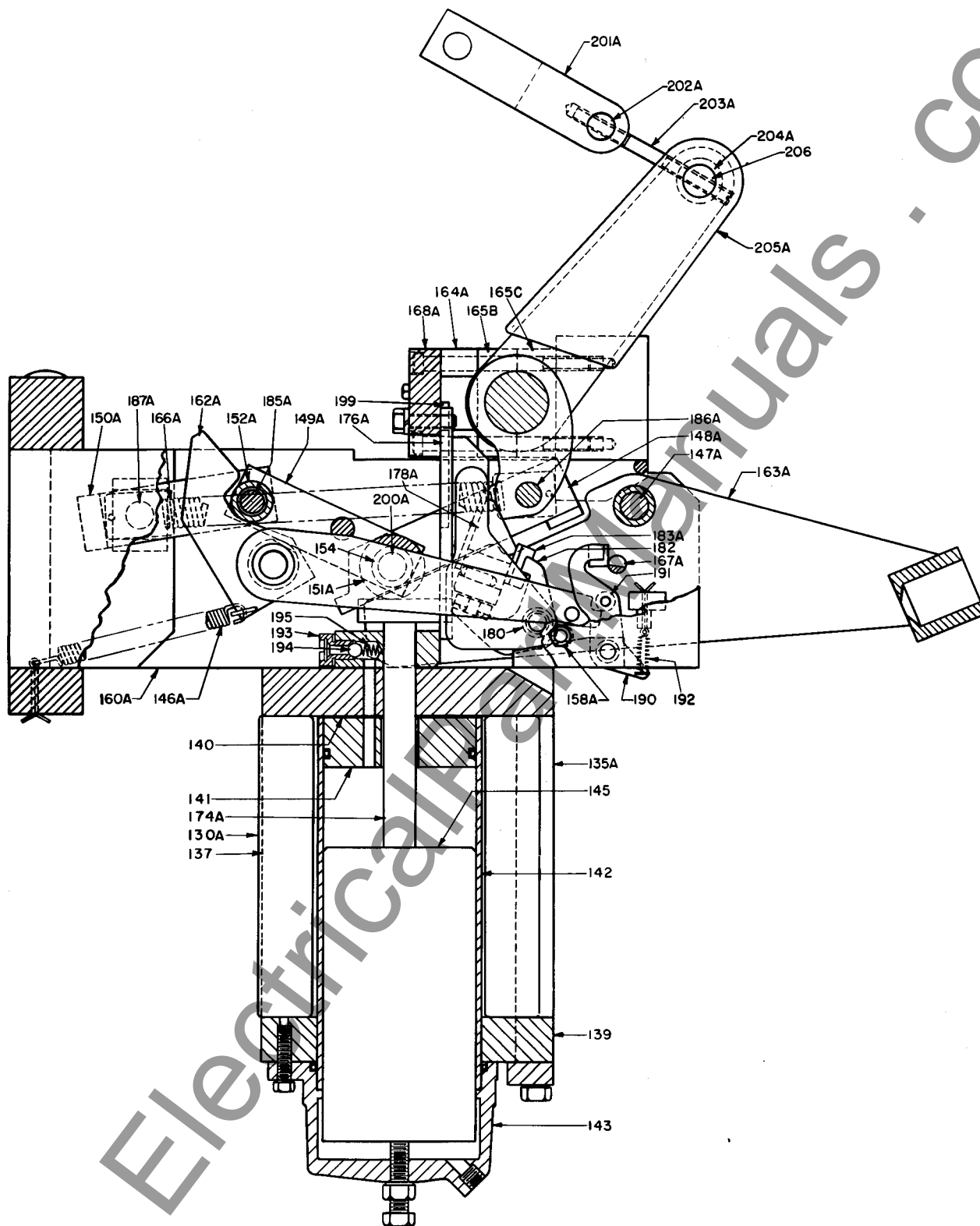
FIG. 3a OPERATING MECHANISM TYPE 5HV-150

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OPERATING MECHANISM & SOLENOID ASSEMBLY
2000 Amps.

FIG. 3b OPERATING MECHANISM TYPE 5 HV-150

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I-T-E CIRCUIT BREAKER COMPANY, PHILA., PA., U. S. A.



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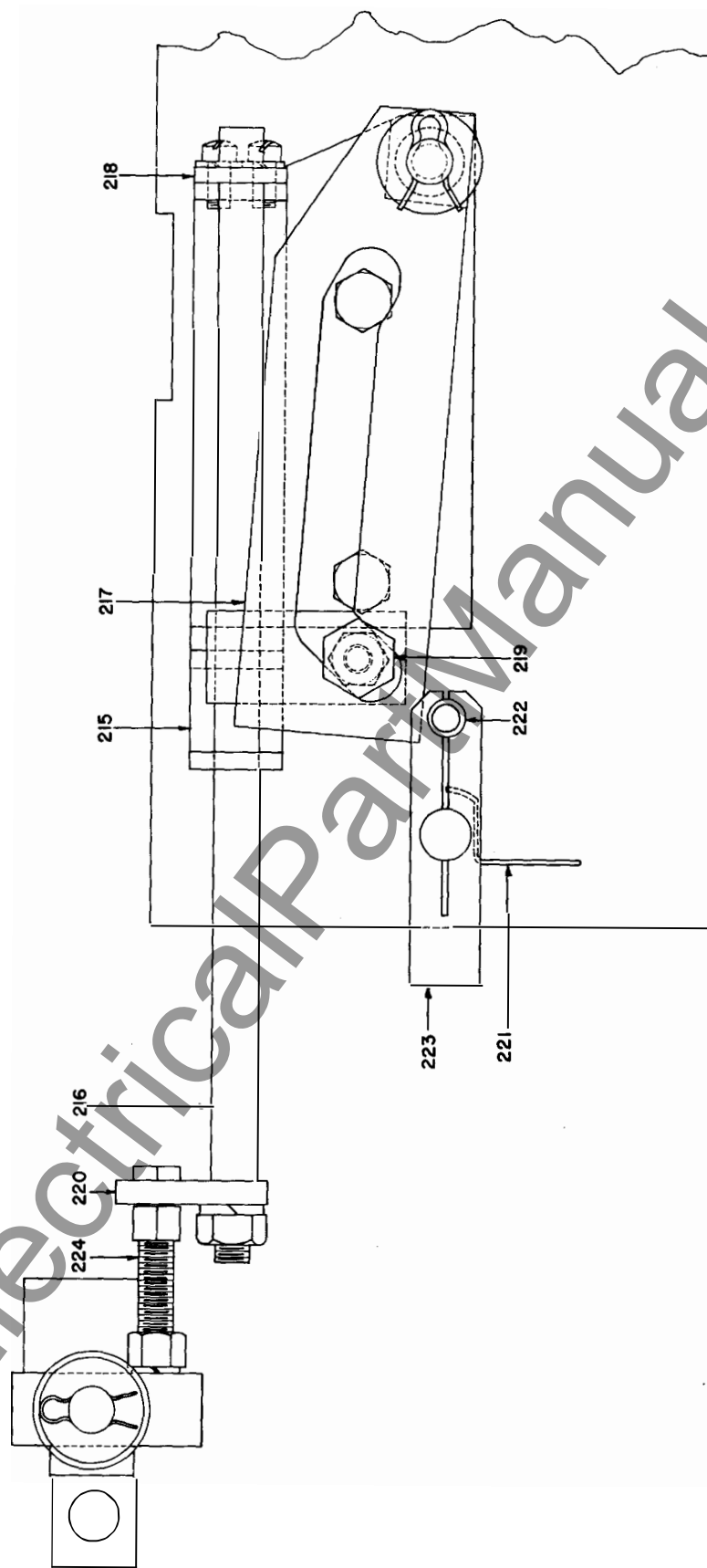
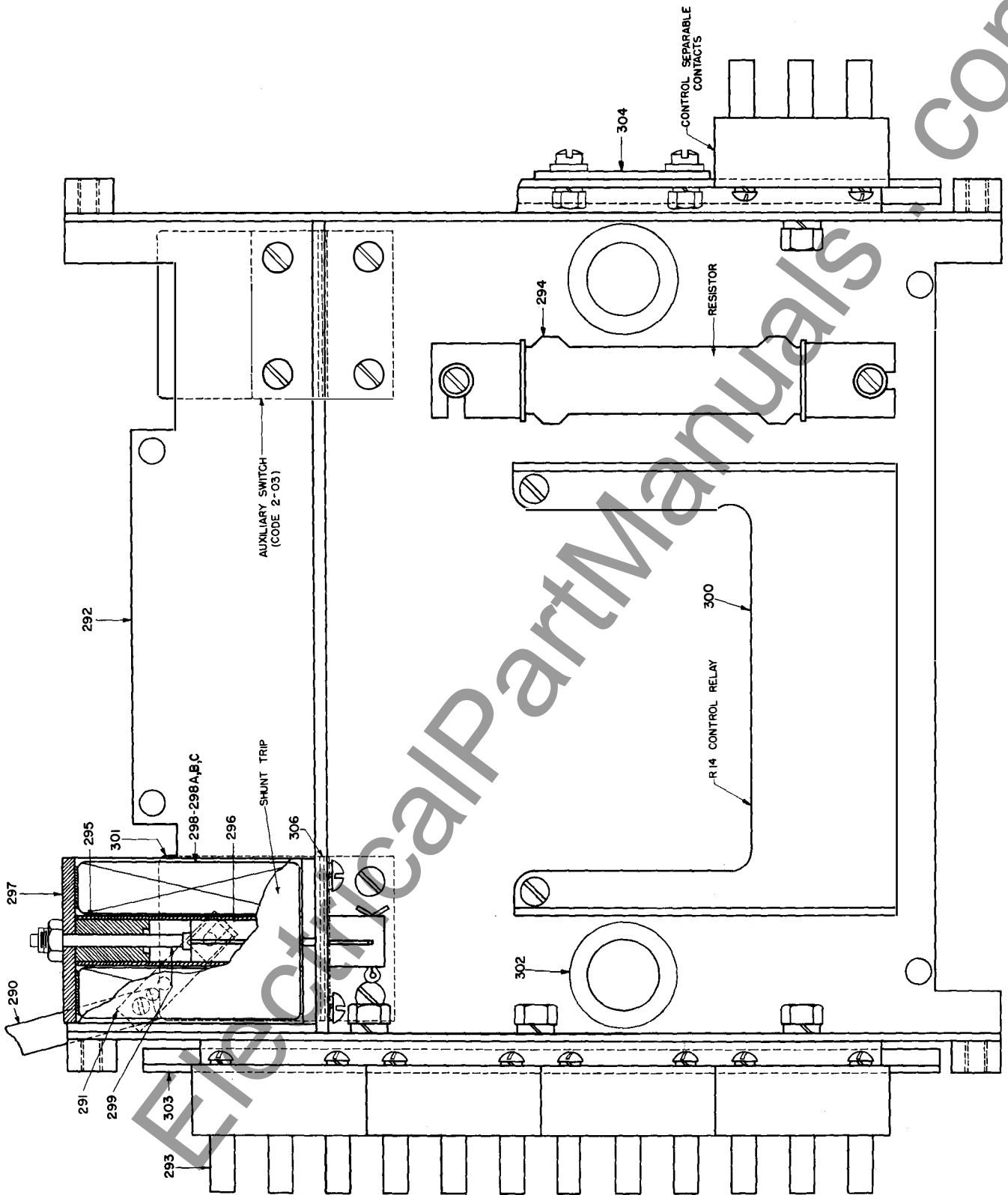


FIGURE 4 TRIP CAM BRACKET ASSEMBLY TYPE 5HV-150



DWG. S-11556

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FRONT VIEW OF CONTROL PANEL

FIGURE 6 CONTROL PANEL ASSEMBLY TYPE 5 HV-150



DWG. S-11557

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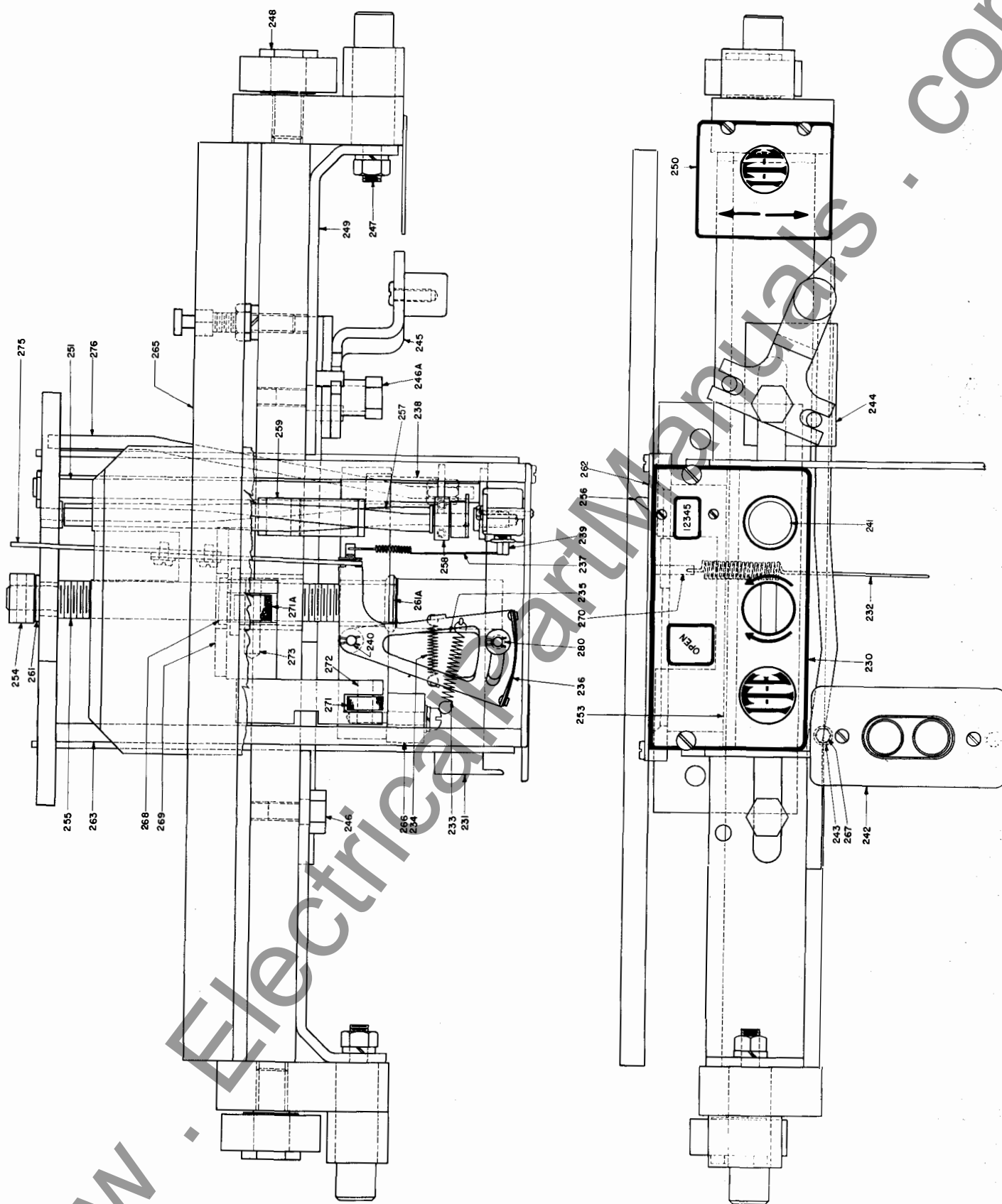


FIGURE 5 RACKING AND VISUAL ASSEMBLY
TYPE 5HV-150



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