

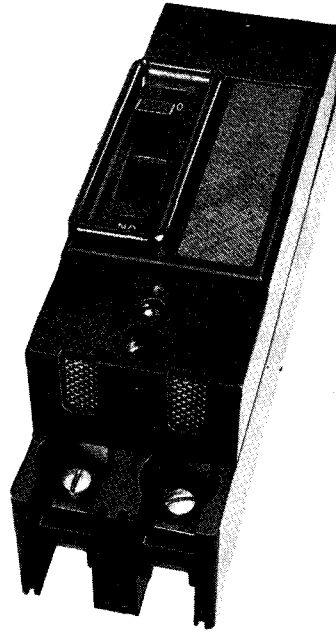


# AB De-ion<sup>®</sup> circuit breakers F, 100 ampere frame

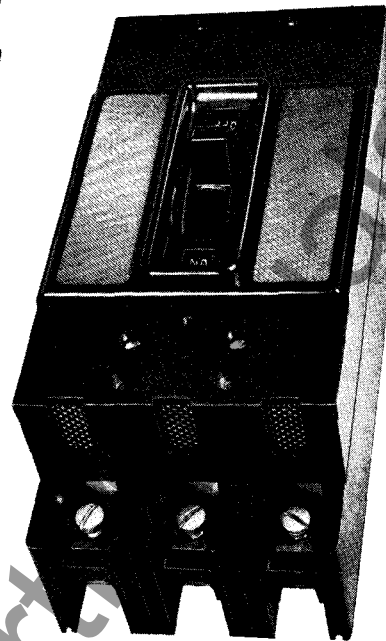
renewal  
parts data  
**29-060A2**  
page 1

unit circuit breakers

manually operated with overload trip  
two and three pole



two pole



three pole

ampere  
rating

style number of complete breaker

250 volt a-c, 125/250 volt d-c

600 volt a-c, 250 volt d-c

	circuit breaker		circuit interrupter*	circuit breaker		circuit interrupter*
	directly heated bi-metals	indirectly heated bi-metals		directly heated bi-metals	indirectly heated bi-metals	
<b>two pole</b>						
†10	1222 001	.....	.....	1222 021	.....	.....
15	1222 002	.....	.....	1222 022	.....	.....
20	1222 003	.....	.....	1222 023	.....	.....
25	1222 004	.....	.....	1222 024	.....	.....
30	1222 088	.....	.....	1222 098	.....	.....
35	1222 005	.....	.....	1222 025	.....	.....
40	1531 169	.....	.....	1531 171	.....	.....
50	1222 006	1531 756	.....	1222 026	1531 776	.....
70	1222 007	1531 757	.....	1222 027	1531 777	.....
90	1222 008	1531 758	.....	1222 028	1531 778	.....
100	1222 009	1531 759	1222 000	1222 029	1531 779	1222 020
<b>three pole</b>						
†10	1222 011	.....	.....	1222 031	.....	.....
15	1222 012	.....	.....	1222 032	.....	.....
20	1222 013	.....	.....	1222 033	.....	.....
25	1222 014	.....	.....	1222 034	.....	.....
30	1222 089	.....	.....	1222 099	.....	.....
35	1222 015	.....	.....	1222 035	.....	.....
40	1531 170	.....	.....	1531 172	.....	.....
50	1222 016	1531 766	.....	1222 036	1531 786	.....
70	1222 017	1531 767	.....	1222 037	1531 787	.....
90	1222 018	1531 768	.....	1222 038	1531 788	.....
100	1222 019	1531 769	1222 010	1222 039	1531 789	1222 030

parts shown on page two apply to all of the above styles

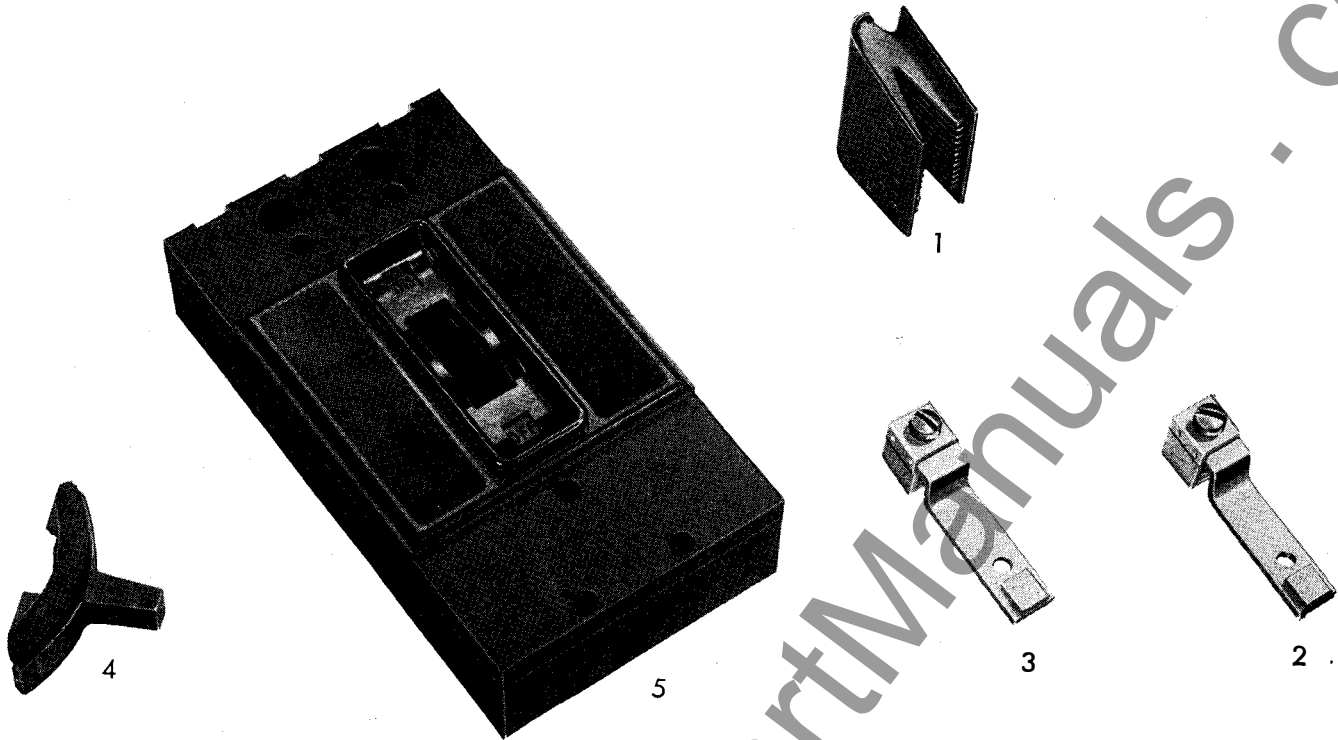
† not listed with Underwriters' Laboratories

\* non-automatic

December, 1952

supersedes RPD 29-060, pages 3 and 4 dated October, 1951 and RPD 29-060, pages 5 and 6 dated February, 1952

mailed to: E42-6G; D63-6C



Three pole breaker illustrated

*Underwriters seal is voided and must be broken when any part of the breaker is replaced in the field*

reference number	description of part	style number of part and number used			
		two pole		three pole	
		style	number used	style	number used
1	breaker complete.....	see page one	1	see page one	1
2	arc chamber.....	1420 579	2	1420 579	3
3	stationary arcing contact and terminal (under operating handle) ..	1740 070	1	1740 070	1
4	stationary arcing contact and terminal.....	1740 071	1	1740 071	2
5	moldarta handle.....	1107 673	1	1107 673	1
	cover.....	1345 360	1	1345 361	1

parts indented are included in the part under which they are indented

**ordering information**

- Name the part and give its style number.
- Give the complete nameplate reading.
- State method of shipment desired.
- Send all orders or correspondence to nearest sales office of the company.
- Combine orders to total at least five dollars as this is minimum charge.

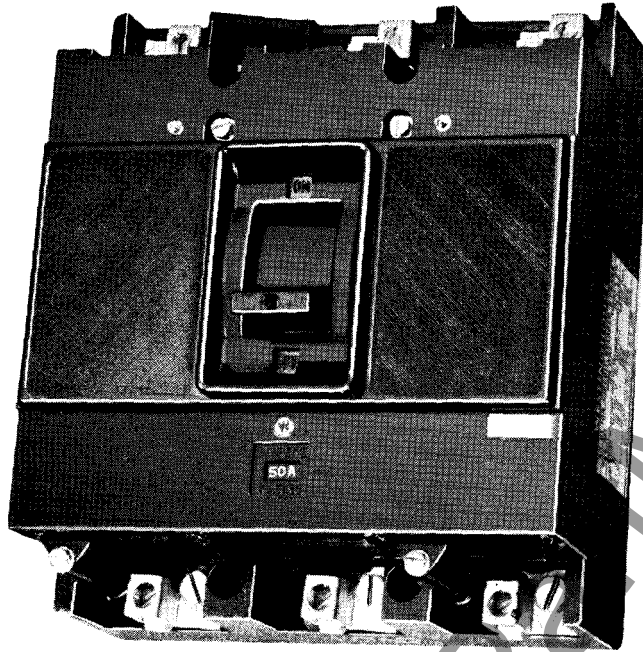


# AB De-ion<sup>®</sup> circuit breakers G, 100 ampere frame

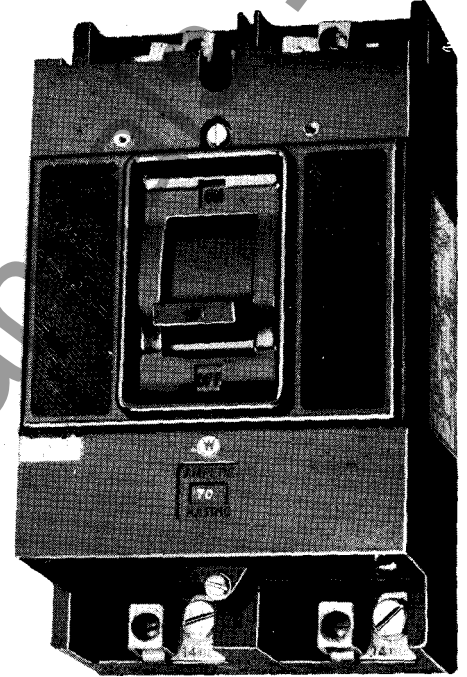
renewal  
parts data  
**29-060A3**  
page 1

unit circuit breakers

*manually operated with overload trip  
two and three pole*



Three Pole



Two Pole

ampere rating	adjustable magnetic trip setting†		style number of complete breaker				trip unit	
	low	high	250 volt a-c, 125/250 volt d-c		600 volt a-c, 250 volt d-c		type	style number
			circuit breaker	circuit interrupter*	circuit breaker	circuit interrupter*		
<b>two pole</b>								
140	250	600	999 125	...	999 165	...	thermal-magnetic	999 185
50	250	600	999 126	...	999 166	...	thermal-magnetic	999 186
70	280	800	999 127	...	999 167	...	thermal-magnetic	999 187
90	330	1000	999 128	...	999 168	...	thermal-magnetic	999 188
100	350	1100	999 129	...	999 169	...	thermal-magnetic	999 189
100	250	600	999 120	...	999 160	...	magnetic	999 180
100	350	1100	999 121	...	999 161	...	magnetic	999 181
100	650	2200	999 104	...	999 101	...	magnetic	999 111
100	none	none	...	999 100	...	999 102	non-automatic	1107 233
<b>three pole</b>								
140	250	600	999 135	...	999 175	...	thermal-magnetic	999 195
50	250	600	999 136	...	999 176	...	thermal-magnetic	999 196
70	280	800	999 137	...	999 177	...	thermal-magnetic	999 197
90	330	1000	999 138	...	999 178	...	thermal-magnetic	999 198
100	350	1100	999 139	...	999 179	...	thermal-magnetic	999 199
100	250	600	999 130	...	999 170	...	magnetic	999 190
100	350	1100	999 131	...	999 171	...	magnetic	999 191
100	650	2200	999 114	...	999 103	...	magnetic	999 113
100	none	none	...	999 110	...	999 112	non-automatic	1107 234

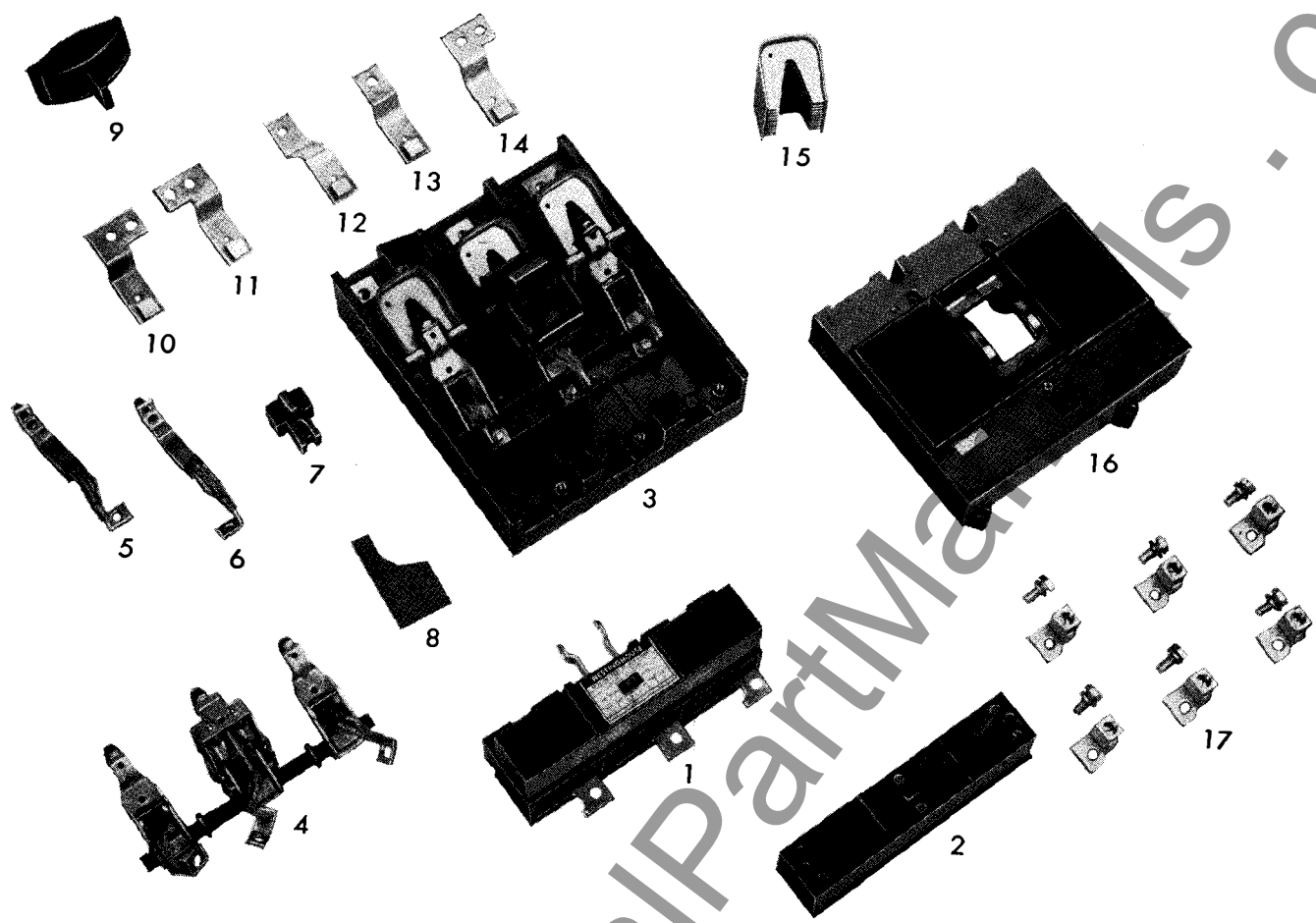
parts shown on page two apply to all of the above styles

† not listed with Underwriters' Laboratories, Inc. \* non-automatic

‡ all adjustable magnetic AB trips are set on the high sides at the factory, but may be adjusted down to the lower limits in the field

December, 1952

supersedes RPD 29-060, pages 7 and 8, dated July, 1949 and  
RPD 29-060, pages 9 and 10, dated August, 1948  
mailed to: E42-6G; D63-6C



Three pole breaker illustrated

*Underwriters seal is voided and must be broken when any part of the breaker except the interchangeable trip unit is replaced in the field*

reference number	description of part	style number of part and number used			
		two pole		three pole	
		style	number used	style	number used
1	breaker complete	see page one	1	see page one	1
2	trip unit complete	see page one	1	see page one	1
	trip unit cover	894 046	1	894 048	1
3	breaker frame complete without trip unit and terminals	1072 018	1	1072 019	1
4	moving contact assembly	1107 431	1	1107 432	1
5	moving contact and shunt (left side)	1072 445	1	1072 445	1
6	moving contact and shunt (center)			1072 498	1
6	moving contact and shunt (right side)	1072 498	1	1072 498	1
*	moving contact spring	1072 255	2	1072 255	3
7	mechanism shield	894 099	1		
8	barrier between poles	782 136	1		
9	handle	1020 604	1	1020 604	1
10	stationary conductor with arcing contact (left side)	894 193	1		
11	stationary conductor with arcing contact (right side)	894 192	1		
12	stationary conductor with arcing contact (left side)			894 176	1
13	stationary conductor with arcing contact (center)			894 177	1
14	stationary conductor with arcing contact (right side)			894 175	1
15	arc chamber	1400 197	2	1400 197	3
16	cover complete	1107 323	1	1107 324	1
17	solderless terminals (style number covers set)	1107 228	1	1107 229	1

parts indented are included in the part under which they are indented  
\* not illustrated

**ordering information**

- Name the part and give its style number.
- Give the complete nameplate reading.
- State method of shipment desired.
- Send all orders or correspondence to nearest sales office of the company.
- Combine orders to total at least two dollars as this is minimum charge.



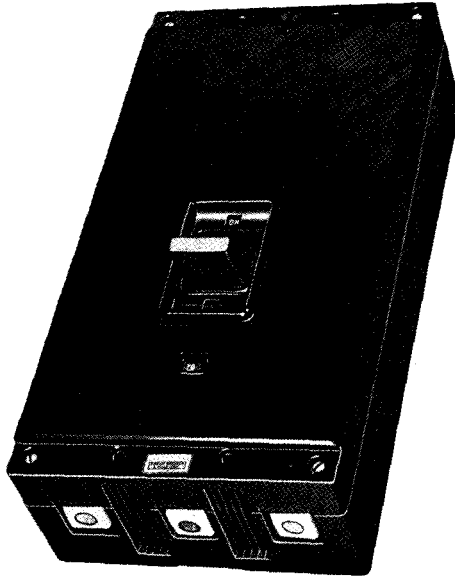
unit circuit breakers

# AB De-ion<sup>®</sup> circuit breakers K, 225 ampere frame

manually operated with overload trip  
two and three pole

renewal  
parts data  
29-060A5

page 1



Three Pole



Two Pole

ampere rating	adjustable magnetic trip setting †		style number of complete breaker				trip unit		style number of terminal
			250 volt a-c, 125/250 volt d-c		600 volt a-c, 250 volt d-c		type	style number	
			low	high	circuit breaker	circuit interrupter*			
<b>two pole</b>									
70	300	700	1310 851	...	1310 860	...	thermal-magnetic	1332 226	1154 301
90	300	900	...	...	1310 861	...	thermal-magnetic	1332 227	1154 301
100	400	1000	1310 853	...	1310 862	...	thermal-magnetic	1332 228	1154 301
125	400	1250	1310 854	...	1310 863	...	thermal-magnetic	1332 229	1346 463
150	500	1500	1310 855	...	1310 864	...	thermal-magnetic	1332 230	1346 463
175	500	1750	1310 856	...	1310 865	...	thermal-magnetic	1332 231	1346 463
200	600	2000	1310 857	...	1310 866	...	thermal-magnetic	1332 232	1346 463
225	600	2250	1310 858	...	1310 867	...	thermal-magnetic	1332 233	1346 464
225	300	700	1392 309	...	1392 313	...	magnetic	1346 047	1346 464
225	450	1500	1470 789	...	1470 791	...	magnetic	1470 788	1346 464
225	600	2250	1392 310	...	1392 314	...	magnetic	1346 048	1346 464
225	none	none	...	1310 926	...	1310 928	non-automatic	1087 174	1346 464
<b>three pole</b>									
70	300	700	1310 869	...	1310 878	...	thermal-magnetic	1332 268	1154 301
90	300	900	...	...	1310 879	...	thermal-magnetic	1332 269	1154 301
100	400	1000	1310 871	...	1310 880	...	thermal-magnetic	1332 270	1154 301
125	400	1250	1310 872	...	1310 881	...	thermal-magnetic	1332 271	1346 463
150	500	1500	1310 873	...	1310 882	...	thermal-magnetic	1332 272	1346 463
175	500	1750	1310 874	...	1310 883	...	thermal-magnetic	1332 273	1346 463
200	600	2000	1310 875	...	1310 884	...	thermal-magnetic	1332 274	1346 463
225	600	2250	1310 876	...	1310 885	...	thermal-magnetic	1332 275	1346 464
225	300	700	1392 311	...	1392 315	...	magnetic	1346 049	1346 464
225	450	1500	1470 790	...	1470 792	...	magnetic	1404 772	1346 464
225	600	2250	1392 312	...	1392 316	...	magnetic	1346 050	1346 464
225	none	none	...	1310 927	...	1310 929	non-automatic	1087 175	1346 464

parts shown on page two apply to all of the above styles

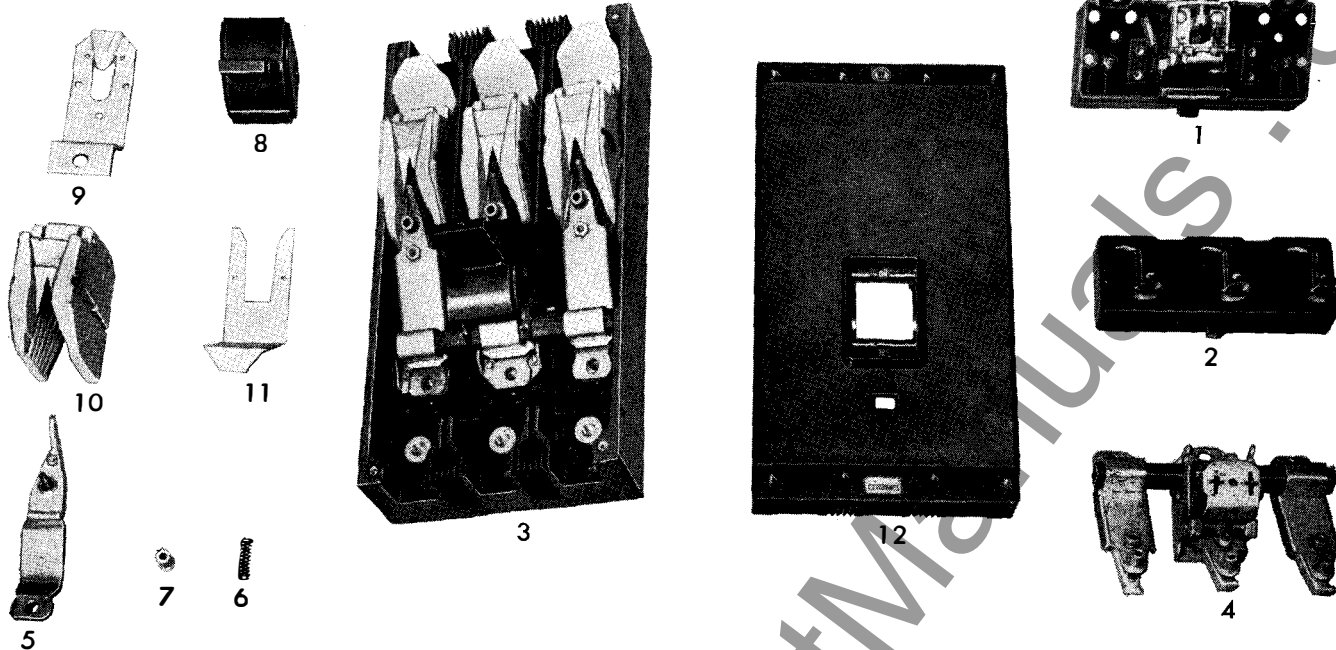
\* non-automatic

† all adjustable magnetic AB trips are set on the high sides at the factory, but may be adjusted in the field down to the lower limits

December, 1952

supersedes RPD 29-060, pages 11 and 12, dated July, 1949 and  
RPD 29-060, pages 13 and 14, dated October, 1948  
mailed to: E42-6G; D63-6C

PAGE # 1 6



Three pole breaker illustrated

*Underwriters seal is voided and must be broken when any part of the breaker except the interchangeable trip unit is replaced in the field*

reference number	description of part	style number of part and number used			
		two pole		three pole	
		style	number used	style	number used
1	breaker complete	see page one	1	see page one	1
2	trip unit complete	see page one	1	see page one	1
	cover	1346 039	1	1346 040	1
3	breaker frame complete without trip unit and terminals	1310 848	1	1310 849	1
4	moving contact assembly	1310 969	1	1310 970	1
5	moving contact	1318 655	2	1318 655	3
6	moving contact spring	1310 980	2	1310 980	3
7	moving contact spring holder	1313 799	2	1313 799	3
	main spring	1241 530	2	1241 530	3
8	handle	1310 986	1	1310 986	1
9	stationary conductor with contact	1346 141	2	1346 141	3
10	arc chamber	1189 878	2	1189 878	3
11	arc chamber insulation	1241 394	2	1241 394	3
12	cover	1241 419	1	1241 423	1
*	terminal assembly	see page one	4	see page one	6

parts indented are included in the part under which they are indented  
\* not illustrated

**ordering information**

- Name the part and give its style number.
- Give the complete nameplate reading.
- State method of shipment desired.
- Send all orders or correspondence to nearest sales office of the company.
- Combine orders to total as least five dollars as this is minimum charge.



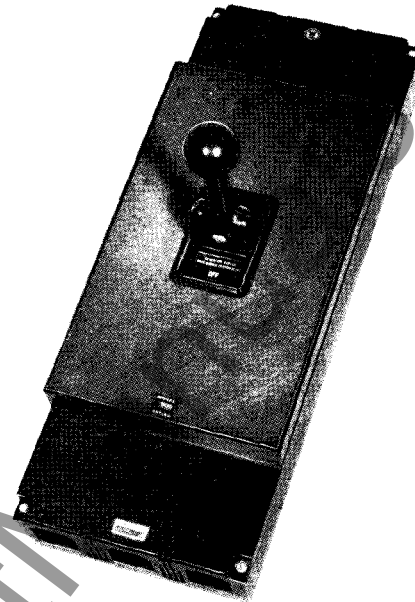
# AB De-ion<sup>®</sup> circuit breakers L, 600 ampere frame

renewal  
parts data  
**29-060A6**

unit circuit breakers

*manually operated with overload trip  
two and three pole*

page 1



ampere rating	a-c magnetic trip setting <sup>†</sup>		style number of complete breaker				trip unit <sup>‡</sup> type	style number	style number of terminal
	low	high	250 volt a-c. 125/250 volt d-c		600 volt a-c. 250 volt d-c				
			circuit breaker	circuit interrupter*	circuit breaker	circuit interrupter*			
<b>two pole</b>									
100	400	1000			1313 523		thermal-magnetic	1605 393	1154 303
125	450	1250	1313 504		1313 524		thermal-magnetic	1605 394	1154 307
150	500	1500	1313 505		1313 525		thermal-magnetic	1605 395	1154 307
175	550	1705	1313 506		1313 526		thermal-magnetic	1605 396	1154 307
200	600	2000	1313 507		1313 527		thermal-magnetic	1605 397	1154 307
225	650	2250	1313 508		1313 528		thermal-magnetic	1605 398	1154 307
250	700	2500	1313 509		1313 529		thermal-magnetic	1605 399	1154 307
275	750	2750	1313 510		1313 530		thermal-magnetic	1605 400	1154 307
300	800	3000	1313 511		1313 531		thermal-magnetic	1605 401	1154 307
325	900	3250	1313 512		1313 532		thermal-magnetic	1605 402	1154 307
350	1000	3500	1313 513		1313 533		thermal-magnetic	1605 403	1154 307
400	1100	4000	1313 514		1313 534		thermal-magnetic	1605 404	1154 307
450	1200	4500	1313 515		1313 535		thermal-magnetic	1605 405	1154 308
500	1300	5000	1313 516		1313 536		thermal-magnetic	1605 406	1154 308
550	1400	5500	1313 518		1313 538		thermal-magnetic	1605 407	1154 309
600	1500	6000	1313 519		1313 539		thermal-magnetic	1605 408	1154 309
600	1500	6000		1313 668		1313 670	non-automatic	1087 176	1154 309
<b>three pole</b>									
100	400	1000			1313 563		thermal-magnetic	1605 412	1154 303
125	450	1250	1313 544		1313 564		thermal-magnetic	1605 413	1154 307
150	500	1500	1313 545		1313 565		thermal-magnetic	1605 414	1154 307
175	550	1750	1313 546		1313 566		thermal-magnetic	1605 415	1154 307
200	600	2000	1313 547		1313 567		thermal-magnetic	1605 416	1154 307
225	650	2250	1313 548		1313 568		thermal-magnetic	1605 417	1154 307
250	700	2500	1313 549		1313 569		thermal-magnetic	1605 418	1154 307
275	750	2750	1313 550		1313 570		thermal-magnetic	1605 419	1154 307
300	800	3000	1313 551		1313 571		thermal-magnetic	1605 420	1154 307
325	900	3250	1313 552		1313 572		thermal-magnetic	1605 421	1154 307
350	1000	3500	1313 553		1313 573		thermal-magnetic	1605 422	1154 307
400	1100	4000	1313 554		1313 574		thermal-magnetic	1605 423	1154 307
450	1200	4500	1313 555		1313 575		thermal-magnetic	1605 424	1154 308
500	1300	5000	1313 556		1313 576		thermal-magnetic	1605 425	1154 308
550	1400	5500	1313 558		1313 578		thermal-magnetic	1605 426	1154 309
600	1500	6000	1313 559		1313 579		thermal-magnetic	1605 427	1154 309
600	1500	6000		1313 669		1313 671	non-automatic	1087 177	1154 309

parts shown on page two apply to all of the above styles  
\* mechanically interchangeable with all previous series of 600 ampere trip units

† non-automatic

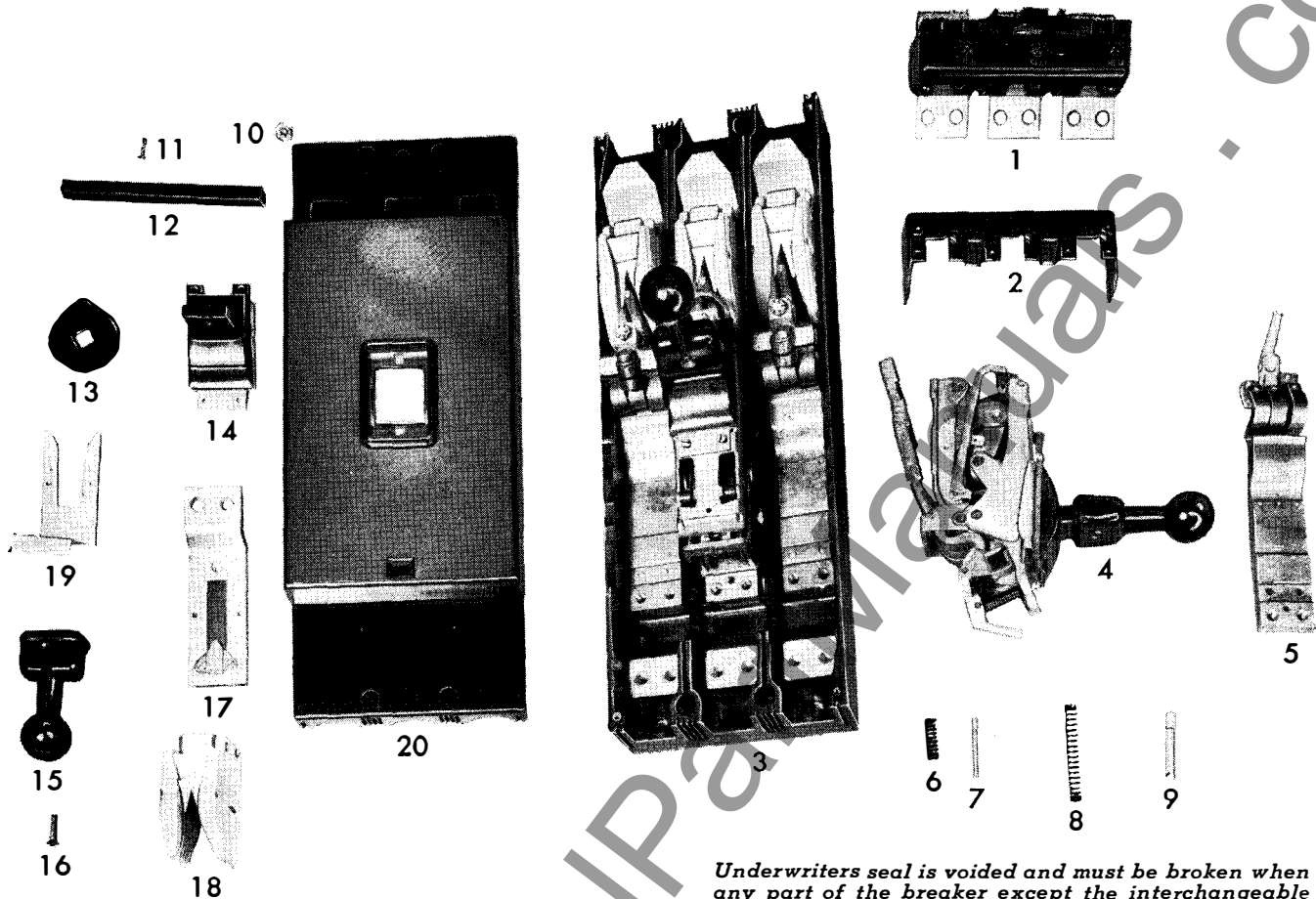
‡ not listed with Underwriters' Laboratories, Inc.

§ d-c settings are approximately 140% of these a-c values

December, 1952

supersedes RPD 29-060, pages 15, 16, 17 and 18 dated January, 1952  
mailed to: E42-6G; D63-6C

PAGE # 18



Three pole breaker illustrated, center pole is omitted on two-pole breaker

*Underwriters seal is voided and must be broken when any part of the breaker except the interchangeable trip unit is replaced in the field*

reference number	description of part	style number of part and number used			
		two pole		three pole	
		style	number used	style	number used
1	breaker complete	see page one	1	see page one	1
2	trip unit complete	see page one	1	see page one	1
	cover for trip unit	1470 817	1	1470 817	1
3	breaker frame complete without trip unit or terminals	1313 662	1	1313 663	1
4	moving contact assembly	dwg. 14 A6193 gr. 8	1	dwg. 14 A6193 gr. 7	1
5	moving main and arcing contact with shunt—outer	1310 679	2	1310 679	2
5	moving main and arcing contact with shunt—center			1241 549	1
6	moving main contact spring	969 907	4	969 907	6
7	hinge pin	847 378	2	847 378	3
8	moving arcing contact spring	849 889	2	849 889	3
9	spring guide	1346 133	2	1346 133	3
10	spring guide nut 5/16-18 X castle nut		2		3
11	spring guide rivet	1346 134	2	1346 134	3
12	cross bar	1091 872	1	1091 872	1
13	cross bar barrier	809 959	1	809 959	2
14	handle replacement	1404 464	1	1404 464	1
15	handle extension	847 174	1	847 174	1
16	1/4-20 x 1 1/8" oval head screw	std. hdwr.	1	std. hdwr.	1
17	stationary conductor with arcing contact	1720 174	2	1720 174	3
18	arc chamber	1189 878	2	1189 878	3
19	arc chamber insulation	1241 396	2	1241 396	3
20	cover	1241 366**	1	1241 366**	1
*	terminal assembly	see page one	4	see page one	6

parts indented are included in the part under which they are indented  
 \* not illustrated  
 \*\* whenever twin terminal lugs are provided S# 1587 748 cover is used

**ordering information**

- Name the part and give its style number.
- Give the complete nameplate reading.
- State method of shipment desired.
- Send all orders or correspondence to nearest sales office of the company.
- Combine orders to total at least two dollars as this is minimum charge.