



auto-starters type MB

220, 440, 550 volts • 3 phase
frames 4, 5 and 5L

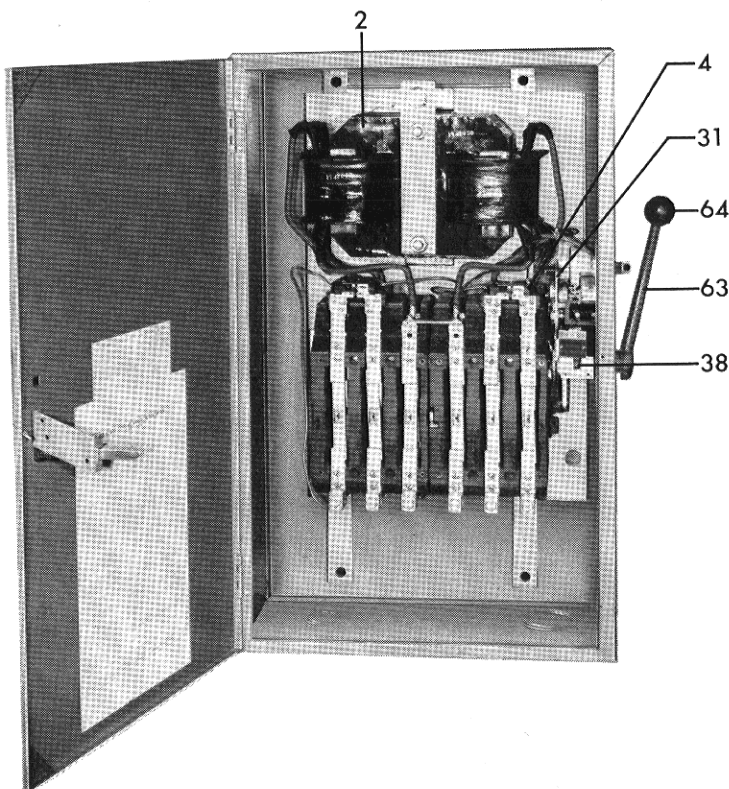
renewal
parts data

10-600A4

page 1

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.



auto-starter complete

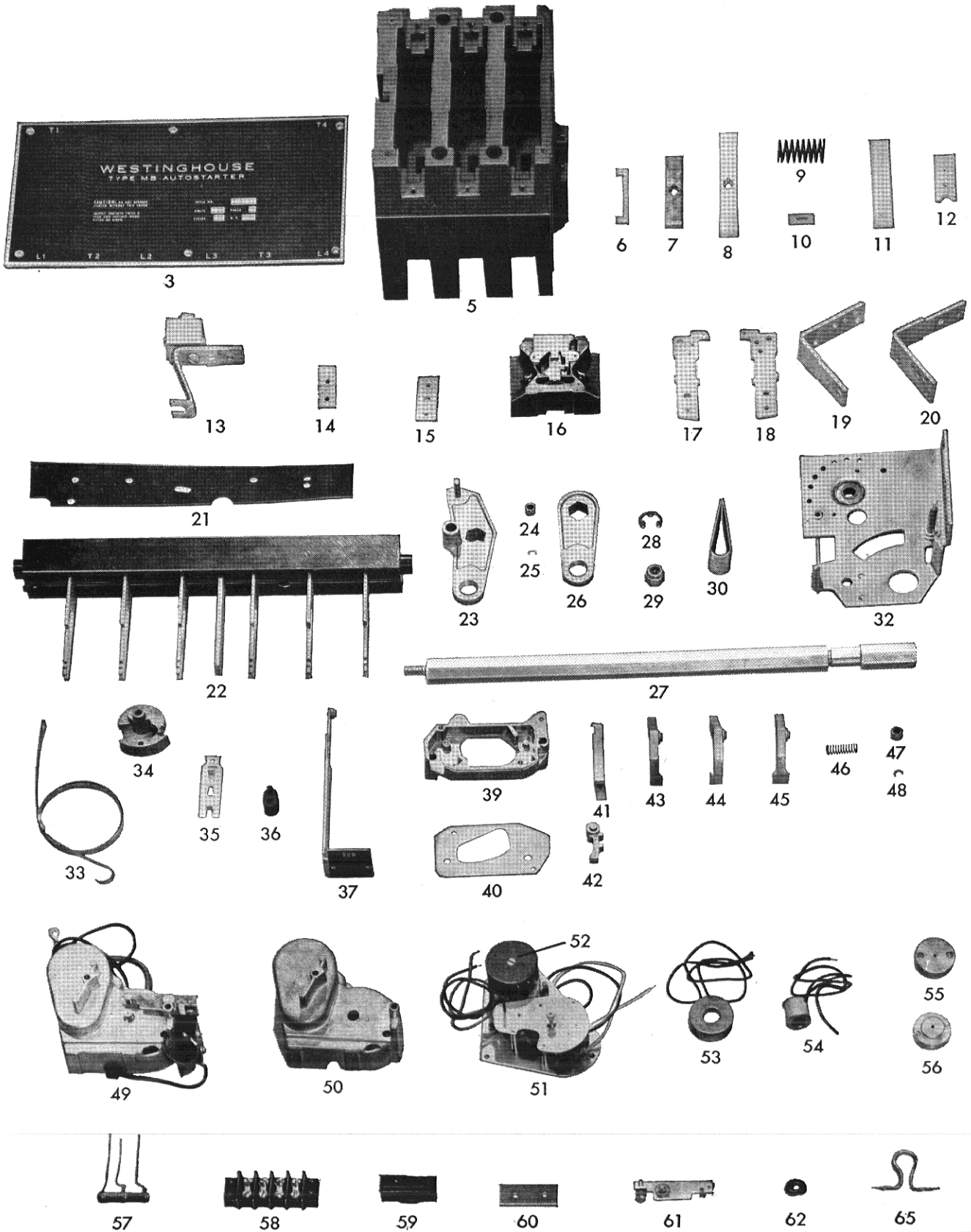
style number of variable part

style number	frame	hp	volts	cycles	auto- trans- former	switch with relays	timing motor mechanism						resistor	voltage trans- former Δ
							mecha- nism complete	housing	motor and gear train					
									assembly complete	motor coil	clutch coil			
					ref. 2	ref. 4	ref. 49	ref. 50	ref. 51	ref. 53	ref. 54	ref. 57		
1747 244C	4	40-50	220	60	1747 007	1747 176	1747 308	1747 299	1747 477	1747 471	1747 474	.....	.....	
1747 245C	5	60-75	220	60	1747 008	1747 178	1747 308	1747 299	1747 477	1747 471	1747 474	.....	.....	
1747 246D	5L	100-125	220	60	1747 008	1747 215	1747 317	1747 299	1747 477	1747 471	1747 474	.....	.....	
1747 247C	4	40-50	220	50	1747 012	1747 176	1747 311	1747 298	1747 477	1747 471	1747 474	1655 957	.....	
1747 248C	5	60-75	220	50	1747 013	1747 178	1747 311	1747 298	1747 477	1747 471	1747 474	1655 957	.....	
1747 249D	5L	100-125	220	50	1747 014	1747 215	1747 320	1747 298	1747 477	1747 471	1747 474	1655 957	.....	
1747 253C	4	40-50	220	25	1747 020	1747 176	1747 314	1747 299	1747 304	1747 473	1747 476	.....	.....	
1747 254C	5	60-75	220	25	1747 021	1747 178	1747 314	1747 299	1747 304	1747 473	1747 476	.....	.....	
1747 255D	5L	100-125	220	25	1747 021	1747 215	1747 323	1747 299	1747 304	1747 473	1747 476	.....	.....	
1747 259C	4	60-100	440	60	1747 030	1747 176	1747 309	1747 299	1747 478	1747 472	1747 475	.....	.....	
1747 260C	5	125-150	440	60	1747 031	1747 178	1747 309	1747 299	1747 478	1747 472	1747 475	.....	.....	
1747 261D	5L	200-250	440	60	1747 032	1747 215	1747 318	1747 299	1747 478	1747 472	1747 475	.....	.....	
1747 262C	4	60-100	440	50	1747 045	1747 176	1747 312	1747 298	1747 478	1747 472	1747 475	1655 951	.....	
1747 263C	5	125-150	440	50	1747 046	1747 178	1747 312	1747 298	1747 478	1747 472	1747 475	1655 951	.....	
1747 264D	5L	200-250	440	50	1747 033	1747 215	1747 321	1747 298	1747 478	1747 472	1747 475	1655 951	.....	
1747 266C	4	60-100	440	25	1747 039	1747 176	1747 315	1747 298	1747 304	1747 473	1747 476	.....	1780 878	
1747 270C	4	60-100	550	60	1747 045	1747 176	1747 310	1747 298	1747 478	1747 472	1747 475	1655 944	.....	
1747 271C	5	125-150	550	60	1747 046	1747 178	1747 310	1747 298	1747 478	1747 472	1747 475	1655 944	.....	
1747 272D	5L	200-250	550	60	1747 047	1747 215	1747 319	1747 298	1747 478	1747 472	1747 475	1655 944	.....	
1747 273C	4	60-100	550	50	1747 050	1747 176	1747 313	1747 298	1747 478	1747 472	1747 475	1655 958	.....	
1747 274C	5	125-150	550	50	1747 051	1747 178	1747 313	1747 298	1747 478	1747 472	1747 475	1655 958	.....	
1747 275D	5L	200-250	550	50	1747 052	1747 215	1747 322	1747 298	1747 478	1747 472	1747 475	1655 958	.....	
1747 277C	4	60-100	550	25	1747 058	1747 176	1747 316	1747 298	1747 304	1747 473	1747 476	.....	1780 879	
1747 345D	5L	125-150	440	25	1747 066	1747 215	1747 324	1747 298	1747 304	1747 473	1747 476	.....	1780 878	
1747 347D	5L	125-150	550	25	1747 066	1747 215	1747 325	1747 298	1747 304	1747 473	1747 476	.....	1780 879	

for common parts for the above auto-starters see page 3 Δ not illustrated

August, 1956

supersedes rpd 10-600A4 dated March, 1955
mailed to: E/586; D61-6A,C,S; C/258



type MB auto-starters

10-600A4

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reference number	description of part	style number of part			no. used
		frame 4	frame 5	frame 5L	
1	auto-starter without relay heaters	see pg 1	see pg 1	see pg 1	1
2	auto-transformer	see pg 1	see pg 1	see pg 1	1
3	switch cover	▲	▲	▲	1
4	switch with overload relays	see pg 1	see pg 1	see pg 1	1
5	switch base	1747 092	1747 092	1747 092	2
6	crossbar guide bearing plate	1747 164	1747 164	1747 164	1
7	moving contact—start	1747 100	1747 100	1747 100	6
8	moving contact—run	1747 094	1747 094	1747 094	6
9	moving contact spring	1747 086	1747 086	1747 086	6
10	moving contact retainer	1747 179	1747 179	1747 179	6
11	stationary contact—start	1747 108	1747 108	1747 108	12
12	stationary contact—run	1747 096	1747 096	1747 096	12
13	stationary contact support—start and run, lower	1747 117	1747 118	1747 118	6
14	stationary contact support—start, upper	1747 110	1747 110	1747 110	6
15	stationary contact support—run, upper poles 3-4	1754 866	1754 866	1754 866	2
16	type MW overload relay base assembly	1747 087	1747 087	1747 087	2
17	strap—poles 1-5 to overload relay	1747 155	1747 155	.....	2
18	strap—poles 2-6 to overload relay	1747 156	1747 156	.....	2
19	strap—poles 1-5 to overload relay	.....	.....	1747 216	2
20	strap—poles 2-6 to overload relay	.....	.....	1747 217	2
21	base insulation	1747 162	1747 162	1747 162	2
22	crossbar	1747 090	1747 090	1747 090	1
23	crossbar operating lever	1747 082	1747 082	1747 082	1
24	roller bearing	1603 343	1603 343	1603 343	1
25	roller bearing retaining ring	1603 342	1603 342	1603 342	2
26	crossbar drive lever	1747 084	1747 084	1747 084	1
27 ●	operating shaft	15C4830H03	15C4830H03	15C4830H03	1
28	operating shaft retaining ring	1797 813	1797 813	1797 813	1
29	operating shaft stop nut	18D8358H27	18D8358H27	18D8358H27	1
30	operating shaft spring	1747 183	1747 183	1747 183	1
31	cam and spring mechanism	1747 185	1747 185	1747 211	1
32	end plate	1747 144	1747 144	1747 144	1
33	inertia latch	1818 101	1818 101	1818 101	1
34	cam return spring	1747 136	1747 136	1747 136	1
35	cam	1747 218	1747 218	1747 218	1
36	motor adjusting plate	1747 133	1747 133	1747 133	1
37	rubber bumper	1747 213	1747 213	1747 213	1
38	run indicator	1747 146	1747 146	1747 202	1
39-42	operating mechanism—start and run	1747 458	1747 458	1747 459	1
40	housing—complete with start pawl	36A4002G04	36A4002G04	36A4002G05	1
41	housing cover	1747 142	1747 142	1747 142	1
42	leaf spring	1747 141	1747 141	1747 141	2
43	run pawl	1747 073	1747 073	1747 073	1
44	run pawl	1747 470	1747 470	1747 470	1
45	run pawl	1747 470	1747 470	1747 470	1
46	pawl spring	1747 154	1747 154	1747 154	1
47	bearing	1603 343	1603 343	1781 408	1
48	bearing retaining ring	1603 342	1603 342	1603 169	1
49	timing motor complete	see pg 1	see pg 1	see pg 1	1
50	motor housing	see pg 1	see pg 1	see pg 1	1
51	motor with magnetic clutch and gear train	see pg 1	see pg 1	see pg 1	1
52	driving motor	◆	◆	◆	1
53	motor coil	see pg 1	see pg 1	see pg 1	1
54	clutch coil	see pg 1	see pg 1	see pg 1	1
55	brass flywheel □	.....	.....	1747 306	1
56	aluminum flywheel □	.....	.....	1747 457	1
57	resistor	see pg 1	see pg 1	see pg 1	1
58	voltage transformer	see pg 1	see pg 1	see pg 1	1
59	terminal block—when used	1747 326	1747 326	1747 326	1
60	micro switch	1747 429	1747 429	1747 429	1
61	micro switch insulation	1747 307	1747 307	1747 307	1
62	micro switch operating lever	1747 297	1747 297	1747 296	1
63 ●	operating handle	197 594	197 594	197 594	1
64	operating handle knob	416C158G01	416C158G01	416C158G01	1
65	overload relay heater	1624 145	1624 145	1624 145	2

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

▲ not illustrated

▲ when ordering give complete auto-starter nameplate reading

◆ when ordering bare driving motor be sure to give rpm, volts and cycles stamped on circular backplate

■ when ordering heater specify code marking stamped on heater or refer to heater table on rear of cabinet door

□ when ordering flywheel be sure to state whether old flywheel is brass or aluminum

● when this part is required for an auto-starter of style number suffix letter preceding that shown on page 1, both the operating shaft and handle must be installed, and the suffix letter changed to agree with that shown on page 1.

