



auto-starters type MB

220, 440, 550 volts • 3 phase
frames 2 and 3

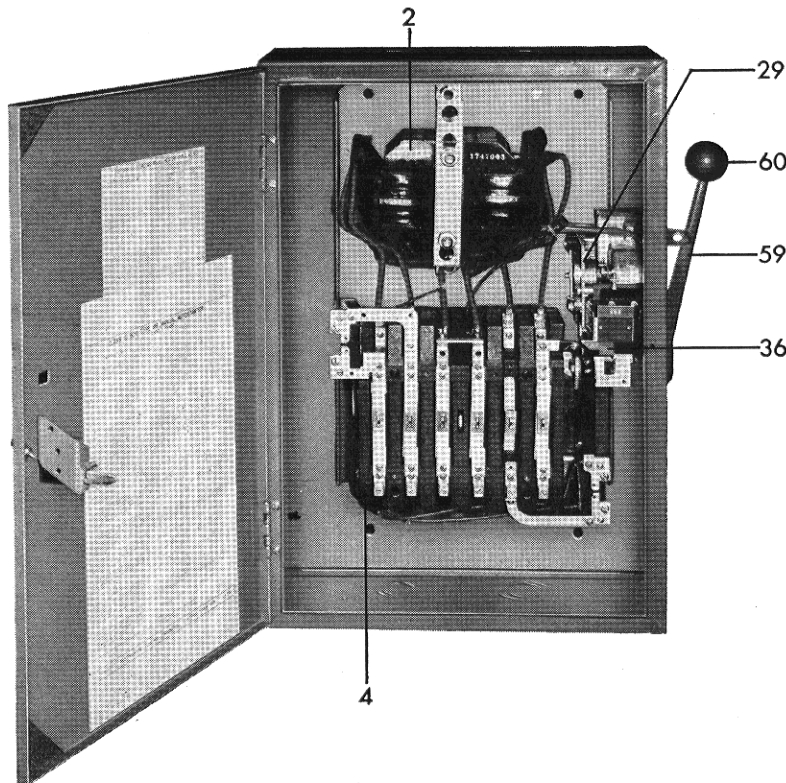
renewal
parts data

10-600A2

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
					ref. 2	ref. 4	ref. 47	ref. 48	motor and gear train					ref. 53
mecha- nism complete	housing	assembly complete	motor coil	clutch coil									
1747 222	3	20-25	220	60	1747 005	1747 174	1747 308	1747 299	1747 477	1747 471	1747 474	....	....
1747 223	3	30	220	60	1747 007	1747 174	1747 308	1747 299	1747 477	1747 471	1747 474	....	....
1747 224	3	20-25	220	50	1747 012	1747 174	1747 311	1747 298	1747 477	1747 471	1747 474	1655 957	....
1747 225	3	30	220	50	1747 012	1747 174	1747 311	1747 298	1747 477	1747 471	1747 474	1655 957	....
1747 228	2	20-25	440	60	1747 027	1747 172	1747 309	1747 299	1747 478	1747 472	1747 475	....	....
1747 229	3	30	440	60	1747 029	1747 174	1747 309	1747 299	1747 478	1747 472	1747 475	....	....
1747 230	2	20-25	440	50	1747 019	1747 172	1747 312	1747 298	1747 478	1747 472	1747 475	1655 951	....
1747 231	3	30	440	50	1747 019	1747 174	1747 312	1747 298	1747 478	1747 472	1747 475	1655 951	....
1747 233	2	5-15	440	25	1747 036	1747 172	1747 315	1747 298	1747 304	1747 473	1747 476	....	1780 878
1747 236	2	20-25	550	60	1747 025	1747 172	1747 310	1747 298	1747 478	1747 472	1747 475	1655 944	....
1747 237	3	30	550	60	1747 019	1747 174	1747 310	1747 298	1747 478	1747 472	1747 475	1655 944	....
1747 238	3	20-25	550	50	1747 049	1747 174	1747 313	1747 298	1747 478	1747 472	1747 475	1655 958	....
1747 240	2	5-15	550	25	1747 056	1747 172	1747 316	1747 298	1747 304	1747 473	1747 476	....	1780 879
1747 279	3	20-25	220	25	1747 020	1747 113	1747 314	1747 299	1747 304	1747 473	1747 476	....	....
1747 281	3	30	220	25	1747 020	1747 113	1747 314	1747 299	1747 304	1747 473	1747 476	....	....
1747 282	3	40-50	440	50	1747 049	1747 174	1747 312	1747 298	1747 478	1747 472	1747 475	1655 951	....
1747 284	3	20-25	440	25	1747 038	1747 113	1747 315	1747 298	1747 304	1747 473	1747 476	....	1780 878
1747 286	3	30	440	25	1747 038	1747 113	1747 315	1747 298	1747 304	1747 473	1747 476	....	1780 878
1747 288	3	20-25	550	25	1747 057	1747 113	1747 316	1747 298	1747 304	1747 473	1747 476	....	1780 879
1747 290	3	30	550	25	1747 057	1747 113	1747 316	1747 298	1747 304	1747 473	1747 476	....	1780 879
1747 331	2	5-15	220	60	1747 003	1747 172	1747 308	1747 299	1747 477	1747 471	1747 474	....	....
1747 332	2	5-15	220	50	1747 011	1747 172	1747 311	1747 298	1747 477	1747 471	1747 474	1655 957	....
1747 334	2	5-15	220	25	1747 019	1747 172	1747 314	1747 299	1747 304	1747 473	1747 476	....	....
1747 337	2	5-15	440	50	1747 017	1747 172	1747 312	1747 298	1747 478	1747 472	1747 475	1655 951	....
1747 339	3	40-50	440	60	1747 029	1747 174	1747 309	1747 299	1747 478	1747 472	1747 475	....	....
1747 340	2	5-15	440	60	1747 025	1747 172	1747 309	1747 299	1747 478	1747 472	1747 475	....	....
1747 342	3	40-50	550	60	1747 019	1747 174	1747 310	1747 298	1747 478	1747 472	1747 475	1655 944	....
1747 343	3	30	550	50	1747 049	1747 174	1747 313	1747 298	1747 478	1747 472	1747 475	1655 958	....
1747 349	3	40-50	440	25	1747 038	1747 113	1747 315	1747 298	1747 304	1747 473	1747 476	....	1780 878
1747 351	3	40-50	550	25	1747 057	1747 113	1747 316	1747 298	1747 304	1747 473	1747 476	....	1780 879
1747 353	2	5-15	550	60	1747 043	1747 172	1747 310	1747 298	1747 478	1747 472	1747 475	1655 944	....
1747 354	2	5-15	550	50	1747 048	1747 172	1747 313	1747 298	1747 478	1747 472	1747 475	1655 958	....
1747 355	3	40-50	550	50	1747 049	1747 174	1747 313	1747 298	1747 478	1747 472	1747 475	1655 958	....

for common parts for the above auto-starters see page 3

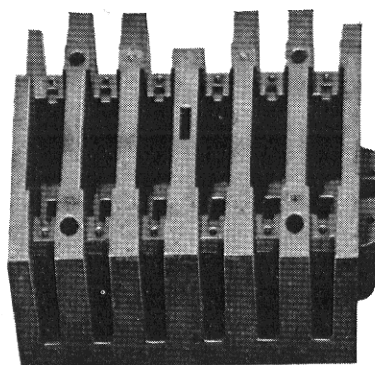
Δ not illustrated

July, 1956

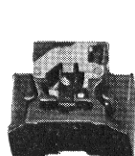
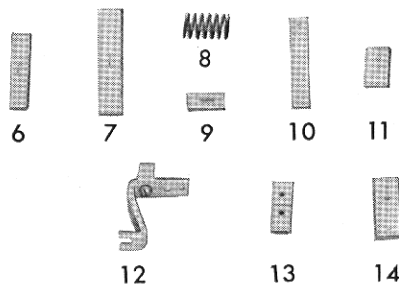
supersedes RPD 10-600A2 dated March, 1955
mailed to: E/586: D61-6A,C,S; C/258



3



5



15



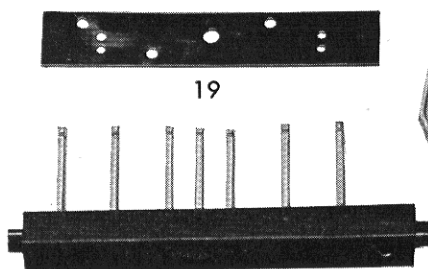
16



17



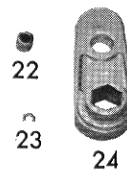
18



19



21



22

23

24



25



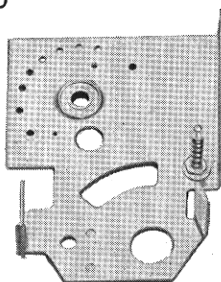
26



27



28



30



33



31



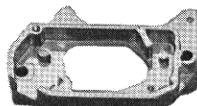
32



34



35



37



38



39



40



41



42



43

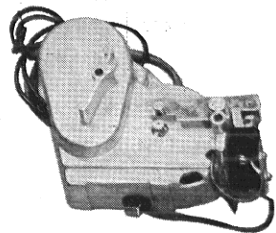


44

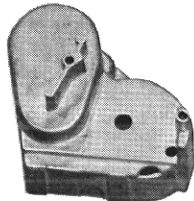


45

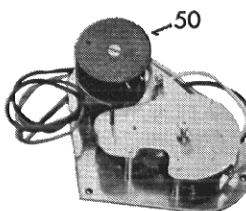
46



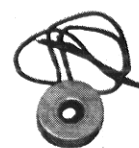
47



48



49



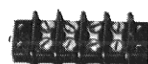
51



52



53



54



55



56



57



58



61

type MB auto-starters

10-600A2

page 3

reference number	description of part	style number of part		no. used
		frame 2	frame 3	
1	auto-starter without relay heaters.....	see pg 1	see pg 1	1
2	auto-transformer.....	see pg 1	see pg 1	1
3	switch cover.....	▲	▲	1
4	switch with overload relays.....	see pg 1	see pg 1	1
5	switch base.....	1747 091	1747 091	1
6	moving contact—start.....	1747 097	1747 097	6
7	moving contact—run.....	1747 093	1747 093	5
8	moving contact spring.....	1747 085	1747 085	6
9	moving contact retainer.....	1747 179	1747 179	6
10	stationary contact—start.....	1747 107	1747 107	12
11	stationary contact—run.....	1747 095	1747 095	10
12	stationary contact support—start and run, lower.....	1747 114	1747 115	6
13	stationary contact support—start, upper.....	1747 109	1747 109	6
14	stationary contact support—run, upper poles 2-3-4-6.....	1747 111	1747 111	4
15	type MW overload relay base assembly.....	1763 617	1763 617	2
16	strap—pole #2 to overload relay.....	1747 180	1747 180	1
17	strap—pole #5 to overload relay.....	1747 188	1747 188	1
18	strap—pole #6 to overload relay.....	1747 189	1747 189	1
19	base insulation.....	1747 161	1747 161	2
20	crossbar.....	1747 089	1747 089	1
21	crossbar operating lever.....	1747 081	1747 081	1
22	roller bearing.....	1603 343	1603 343	1
23	roller bearing retaining ring.....	1603 342	1603 342	2
24	crossbar drive lever.....	1747 083	1747 083	1
25	operating shaft.....	1747 124	1747 124	1
26	operating shaft retaining ring.....	1797 813	1797 813	1
27	operating shaft stop nut.....	18D8358H27	18D8358H27	1
28	operating shaft spring.....	1747 183	1747 183	1
29	cam and spring mechanism.....	1747 184	1747 184	1
30	end plate.....	1747 144	1747 144	1
△	inertia latch.....	1818 101	1818 101	1
31	motor adjusting plate.....	1747 133	1747 133	1
32	cam.....	1747 218	1747 218	1
33	cam return spring.....	1747 136	1747 136	1
34	rubber bumper.....	1747 213	1747 213	1
35	run indicator.....	1747 145	1747 145	1
36	operating mechanism—start and run.....	1747 458	1747 458	1
37-40	housing complete with start pawl.....	36A4002G04	36A4002G04	1
38	housing cover.....	1747 142	1747 142	1
39	leaf spring.....	1747 141	1747 141	2
41	run pawl.....	1747 073	1747 073	1
42	run pawl.....	1747 470	1747 470	1
43	run pawl.....	1747 470	1747 470	1
44	pawl spring.....	1747 154	1747 154	2
45	roller bearing.....	1603 343	1603 343	1
46	roller bearing retaining ring.....	1603 342	1603 342	1
47	timing motor complete.....	see pg 1	see pg 1	1
48	motor housing.....	see pg 1	see pg 1	1
49	motor with magnetic clutch and gear train.....	see pg 1	see pg 1	1
50	driving motor.....	◆	◆	1
51	motor coil.....	see pg 1	see pg 1	1
52	clutch coil.....	see pg 1	see pg 1	1
53	resistor.....	see pg 1	see pg 1	1
△	voltage transformer.....	see pg 1	see pg 1	1
54	terminal block—when used.....	1747 326	1747 326	1
55	micro switch.....	1747 429	1747 429	1
56	micro switch insulation.....	1747 307	1747 307	1
57	micro switch operating lever.....	1747 297	1747 297	1
58	rubber bushing for housing.....	197 594	197 594	1
59	operating handle.....	1747 080	1747 080	1
60	operating handle knob.....	1624 145	1624 145	1
61	overload relay heater.....	■	■	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

