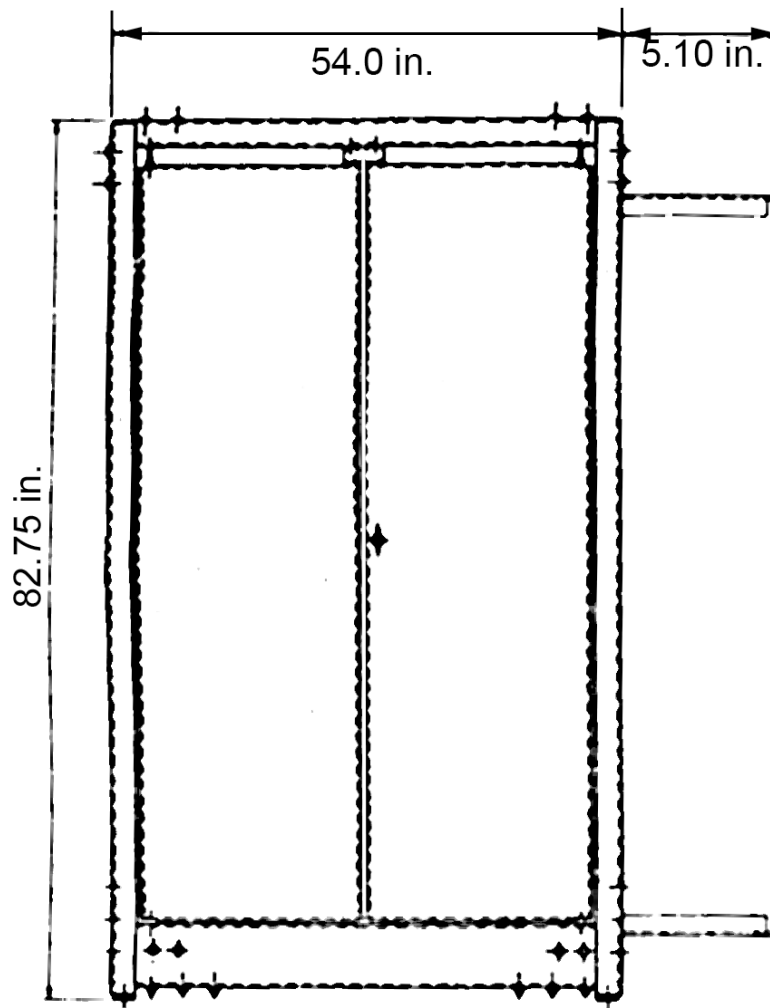


65U, 73U, and 81U  
UMV Controllers

Spare Parts Leaflet

10-8102F

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Front View

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SERVICE ENGINEERING  
Otis Elevator Company  
Bloomfield, Connecticut USA

## Leaflet Description

This SPL is a parts list of parts that were used in the 65U, 73U, and 81U UMV type controllers

### Leaflet Revisions

Date Revised	Subject Matter Expert	Reason for Revision
January 2, 1988	Jeff Costley (Senior Technical Analyst)	Preliminary SPL
June 1, 2009	Matt Fournier	Update description of reference 192 from 1500 to 200 Ohms. Convert SPL into current layout for SPLs.

### Related Drawings

Drawing No.	Title	Drawing No.	Title
Dwg. 8100AS	Assembly, Controller Cabinet		
Dwg. 8100AR	Assembly, Car File		
Dwg. 8126E	Assembly, Power Supply		

### Related Documents

Document ID	Title
SPL 10-232AP	Resistor Heater Element
SPL 10-KYE6830A	6830A, B, D Switch
SPL C-922	6164BP Switch
SPL C-1067	C6754 and E6754 Magnet Switches
SPL 10-FX6315J	N-301 Overload Relay

### Subject Matter Expert

Name	Department
Matt Fournier	OSC Electrical Engineering

### About Spare Parts Leaflets...

This document lists the lowest replaceable units (LRUs) for the standard version of the product. The LRUs are chosen by a team of Otis associates representing engineering and manufacturing.

While goal of this document is to make parts identification as easy as possible, the document cannot be all-inclusive. Elevator and escalator contracts classified as "special" or "custom" are not addressed here. For such contracts, please refer to specified information, the contract folder, TIPs, Field Education Articles, Construction Letters, etc. for further information.

If you have any suggestions about this document, please contact the subject matter expert listed on this page.

# 65U, 73U, and 81U Parts

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W/O VINTAGE				
LINE NO.	PART OR ML	DESCRIPTION	SYMBOL	REMARKS/ FEATURE
1	336CV1	Band, Adjustable, Resistor	---	For 232AA
2	297H2	Band, Adjustable, Resistor	---	For 232E
3	4012AB1	Base Panel	KL	SIM
4	4012AB1	Base Panel	JC	G2M
5	4012AB1	Base Panel	KC	SIM
6	4012AB1	Base Panel	GL	G2M
7	4012AB1	Base Panel	HL	SIM
8	4012AB1	Base Panel	GC	G2M
9	4012AB1	Base Panel	HC	SIM
10	4012AB1	Base Panel	DL	G2M
11	4012AB1	Base Panel	DL	SIM
12	4012AB1	Base Panel	DC	G2M
13	4012AB1	Base Panel	DR	
14	A8203B1	Car Position Display Board	---	
15	A222DB4	Coil, Blowout	H	
16	A222DB1	Coil, Blowout	F1BS	
17	A222DB2	Coil, Blowout	F1BS	
18	A222DB2	Coil, Blowout	GK	
19	A222DB4	Coil, Blowout	GK	
20	A222DB6	Coil, Blowout	C	
21	A222DB2	Coil, Blowout	H	
22	A222Y1	Coil, Blowout	XMC	
23	A222Y2	Coil, Blowout	XMC	
24	A222Y5	Coil, Blowout	XMC	
25	A222Y6	Coil, Blowout	XMC	
26	A222Y3	Coil, Blowout	XMC	
27	A222Y4	Coil, Blowout	XMC	
28	A222Y3	Coil, Blowout	MK, ZMC	
29	A222Y4	Coil, Blowout	MK, ZMC	

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## 65U, 73U, and 81U Parts

W/O VINTAGE				
LINE NO.	PART OR ML	DESCRIPTION	SYMBOL	REMARKS/ FEATURE
30	A222Y5	Coil, Blowout	YMC	
31	A222Y6	Coil, Blowout	YMC	
32	A222Y3	Coil, Blowout	YMC	
33	A222Y4	Coil, Blowout	YMC	
34	226H2	Condenser	R2L, HZ	
35	226H4	Condenser	LWT, HZ, LAT, LAS	
36	226H12	Condenser	R1L, R2L	
37	226H2	Condenser	HZ	For 4012AB Pnl.
38	226H3	Condenser	LAS1	For 1012AB Pnl.
39	226H4	Condenser	XMT	71G/82G MG
40	226H12	Condenser	FPR	
41	226H12	Condenser	XMT	95B-15B
42	226H2	Condenser	H	
43	226H3	Condenser	LV	<800 FPM
44	226H11	Condenser	ESC	ESC
45	226H12	Condenser	ESC	ESC
46	226H4	Condenser	XMC	
47	226D2	Condenser	B1, B2	
48	226H2	Condenser	LS	>800 FPM
49	226H4	Condenser	LS	>800 FPM
50	226H4	Condenser	ZMC	
51	226H4	Condenser	YMC	
52	226W1	Condenser	---	For 6938T Pnl.
53	226W2	Condenser	---	For 6938T Pnl.
54	6843BS2	Condenser Panel	B	131/155 Mach.
55	6843BS2	Condenser Panel	B	219/269 Mach.
56	6938T12	Condenser Panel	G4F	
57	6938T13	Condenser Panel	G5F	71GA/82GA MG
58	6938T14	Condenser Panel	G5F	
59	175J60	Conductor	---	For 232E

W/O VINTAGE				
LINE NO.	PART OR ML	DESCRIPTION	SYMBOL	REMARKS/ FEATURE
60	175AN2	Conductor	---	For 232AA
61	6840CG1	Electronic Panel	TAP	
62	6840CH1	Electronic Panel	TD	
63	375P6	Fuse 1-2, 3-4, 6 Amp	F2C	SIM
64	375P1	Fuse 1-2, 9-12, 1 Amp	F9C	SIM
65	375P1	Fuse 1-2, 9-12, 1 Amp	F9C	G2M
66	375P22	Fuse 1-4, 1/4 Amp	FC	SIM
67	375P2	Fuse 1-4, 2 Amp	F3C	SIM
68	375H2	Fuse 1-4, 2 Amp	F3C	G2M
69	375H40	Fuse 1-4, 40 Amp	F4C	SIM & 65U
70	375H40	Fuse 1-4, 40 Amp	F4C	65U & G2M
71	375H60	Fuse 1-4, 60 Amp	F4C	SIM & 73U
72	375H60	Fuse 1-4, 60 Amp	F4C	73/81U & G2M
73	P375Y11	Fuse 1-6	F7C	SVD,(O72&BLR)
74	P375W11	Fuse 1-6	F7C	SVE,(O72&BLR)
75	375H15	Fuse 1-6, 15 Amp	F1C	SVD & X51A
76	375P3	Fuse 3-6, 3 Amp	F9C	SIM
77	375P3	Fuse 3-6, 3 Amp	F9C	G2M
78	375P6	Fuse 5-6, 9-10, 6 Amp	FC	SIM
79	375H3	Fuse 5-6, 9-12, 3 Amp	F2C	G2M
80	375P3	Fuse 5-6, 11-12, 3 Amp	F2C	SIM
81	375P1	Fuse 7-8, 1 Amp	FC	SIM
82	P375AP2	Fuse 7-8, 10 Amp	F2C	SIM
83	P375P3	Fuse 9-10, 3 Amp	F2C	SIM
84	6843CG2	Fuse Panel	F2C-F4C	SIM
85	6843CG1	Fuse Panel	FC-F9C-F6C	SIM
86	6843CA1	Fuse Panel	F1C	SVD & X51A
87	6843CA2	Fuse Panel	F1C	SVE & X51A
88	6843CB1	Fuse Panel	F2C	G2M
89	6843BT1	Fuse Panel	F3C	G2M
90	6843BX1	Fuse Panel	F4C	G2M
91	6843BV1	Fuse Panel	F9C	G2M

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## 65U, 73U, and 81U Parts

W/O VINTAGE				
LINE NO.	PART OR ML	DESCRIPTION	SYMBOL	REMARKS/ FEATURE
92	6843CA1	Fuse Panel	F7C	SVD,(O72&BLR)
93	6843CA2	Fuse Panel	F7C	SVE,(O72&BLR)
94	375T6	Fuse, 6-1/4 Amps		For 6938T Pnl.
95	375H6	Fuse 1-4, 6 Amp	F2C	G2M
96	---	Heater Element, See SPL 10-232AP	---	For P1A
97	---	Heater Element, See SPL 10-232AP	---	For P1A
98	180AB1	Holder, Fuse	---	For 6938T Pnl.
99	180AD1	Holder, Resistor	---	
100	B6543C1	Interlock	U-D, UX-DX	
101	6543E1	Interlock	L-M	65U
102	A6543B1	Interlock	L-M	73U
103	6315Y7	Overload Relay	P1A	
104	6315Y8	Overload Relay	P1A	
105	6315Y9	Overload Relay	P1A	
107	TYPE6315J	Overload Relay, See SPL 10FX-6315J	P2A	
108	6840AV21	Panel Assembly	SP	DOA & XASL
109	6840AV22	Panel Assembly	SP	DOA & ASL
110	4505E15	Panel Assembly	RAP	SPD & SDC
111	4505E16	Panel Assembly	RAP	SPD & SHD
112	4505E17	Panel Assembly	RAP	SPD&SDC&SHD
113	6840AV19	Panel Assembly	SP	DOH & XASL
114	6840AV20	Panel Assembly	SP	DOH & ASL
115	8126E1	Power Supply Assembly	---	
116	8126E2	Power Supply Assembly	---	
117	A8200G1	Power Supply Shutdown Board	PTSD	For 8126E1
118	230AZ1	Rectifier	B	
119	230BJ5	Rectifier	RF	
120	230AR3	Rectifier	R1L, R2L	For 4012AB Pnl.
121	230AR3	Rectifier	LAS2, HZ1, LAT	For 4012AB Pnl.
122	230AR3	Rectifier	LAS, HZ	For 4012AB Pnl.
123	230AR3	Rectifier	FPR, XMT, SE	

# 65U, 73U, and 81U Parts

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W/O VINTAGE				
LINE NO.	PART OR ML	DESCRIPTION	SYMBOL	REMARKS/ FEATURE
124	230AR3	Rectifier	HES, DOL, ESR	ESH
125	230AR3	Rectifier	H, TL	
126	230AR3	Rectifier	ESC	ESC
127	230AR3	Rectifier	E4A	>700 FPM
128	230AR3	Rectifier	DG1, DG2, DBP	DBP & XER1
129	230AR3	Rectifier	YMC, XMC	
130	P230BK4	Rectifier	CR1, CR2	For 8126E1 &2
131	232B220	Resistor	R1L1, R2L1	For 4012AB Pnl.
132	232B220	Resistor	H,	
133	232B220	Resistor	YMC1	
134	232B220	Resistor	ZMC1	
135	232Y28	Resistor	---	For 6938T Pnl.
136	232B162	Resistor, 20 Ohms	ANS	
137	232B163	Resistor, 25 Ohms	B2	
138	232B208	Resistor, 50 Ohms	B3	
139	232E121	Resistor, 60W, 10 Ohms	---	8" Lg.
140	232E122	Resistor, 60W, 15 Ohms	---	8" Lg.
141	232E123	Resistor, 60W, 20 Ohms	---	8" Lg.
142	232E124	Resistor, 60W, 25 Ohms	---	8" Lg.
143	232E125	Resistor, 60W, 30 Ohms	---	8" Lg.
144	232E126	Resistor, 60W, 40 Ohms	---	8" Lg.
145	232E127	Resistor, 60W, 50 Ohms	---	8" Lg.
146	232E128	Resistor, 60W, 75 Ohms	---	8" Lg.
147	232E129	Resistor, 60W, 100 Ohms	---	8" Lg.
148	232E130	Resistor, 60W, 125 Ohms	---	8" Lg.
149	232E131	Resistor, 60W, 150 Ohms	---	8" Lg.
150	232E132	Resistor, 60W, 175 Ohms	---	8" Lg.
151	232E133	Resistor, 60W, 200 Ohms	---	8" Lg.
152	232E134	Resistor, 60W, 250 Ohms	---	8" Lg.
153	232E135	Resistor, 60W, 300 Ohms	---	8" Lg.
154	232E136	Resistor, 60W, 350 Ohms	---	8" Lg.
155	232E137	Resistor, 60W, 400 Ohms	---	8" Lg.
156	232E138	Resistor, 60W, 500 Ohms	---	8" Lg.
157	232E139	Resistor, 60W, 600 Ohms	---	8" Lg.
158	232E140	Resistor, 60W, 750 Ohms	---	8" Lg.

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## 65U, 73U, and 81U Parts

W/O VINTAGE				
LINE NO.	PART OR ML	DESCRIPTION	SYMBOL	REMARKS/ FEATURE
159	232E141	Resistor, 60W, 1000 Ohms	---	8" Lg.
160	232E142	Resistor, 60W, 1500 Ohms	---	8" Lg.
161	232E143	Resistor, 60W, 2000 Ohms	---	8" Lg.
162	232E144	Resistor, 60W, 2500 Ohms	---	8" Lg.
163	232B163	Resistor, 75 Ohms	PM2	>800 FPM
164	232B165	Resistor, 75 Ohms	B4	
165	232B167	Resistor, 115 Ohms	LV1	<800 FPM
166	232B166	Resistor, 150 Ohms	PM1	>800 FPM
167	232B170	Resistor, 250 Ohms	RFS	For 4012AB Pnl.
168	232B168	Resistor, 250 Ohms	RC, TC	
169	232B171	Resistor, 250 Ohms	BM2	>800 FPM
170	232B171	Resistor, 400 Ohms	PF1	For 4012AB Pnl.
171	232B171	Resistor, 400 Ohms	PM	<800 FPM
172	232B171	Resistor, 500 Ohms	OFR2	
173	232B171	Resistor, 500 Ohms	PM1	<800 FPM
174	232B172	Resistor, 500 Ohms	EZR	
175	232B172	Resistor, 600 Ohms	PM	>800 FPM
176	232AA40	Resistor, 700W 1.32 Ohms	---	10.125" Lg.
177	232AA41	Resistor, 700W 1.65 Ohms	---	10.125" Lg.
178	232AA42	Resistor, 700W 2.08 Ohms	---	10.125" Lg.
179	232AA43	Resistor, 700W 2.61 Ohms	---	10.125" Lg.
180	232AA44	Resistor, 700W 3.82 Ohms	---	10.125" Lg.
181	232AA48	Resistor, 700W 4.1 Ohms	---	10.125" Lg.
182	232AA45	Resistor, 700W 4.93 Ohms	---	10.125" Lg.
183	232AA46	Resistor, 700W 6.12 Ohms	---	10.125" Lg.
184	232AA47	Resistor, 700W 9.28 Ohms	---	10.125" Lg.
185	232B172	Resistor, 750 Ohms	SE	
186	232B174	Resistor, 1000 Ohms	CES	For 4012AB Pnl.
187	232B220	Resistor, 1000 Ohms	LWT1, LAT1	For 4012AB Pnl.
188	232B174	Resistor, 1000 Ohms	CEM	CHI
189	232B174	Resistor, 1000 Ohms	DG	
190	232Y32	Resistor, 1000 Ohms	CB	
191	232B220	Resistor, 1000 Ohms	XMC1	



# 65U, 73U, and 81U Parts

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W/O VINTAGE				
LINE NO.	PART OR ML	DESCRIPTION	SYMBOL	REMARKS/ FEATURE
192	232B177	Resistor, 2000 Ohms	SE1	
193	232BA28	Resistor, 5000 Ohms	CES1	For 4012AB Panel
194	232BA28	Resistor, 5000 Ohms	CEM1	CHI
195	232BA28	Resistor, 5000 Ohms	DG1	
196	TYPEE6830A	Switch, See SPL 10-KYE6830A	---	
197	TYPE6164BP	Switch, See Also SPL C-922	---	
198	TYPEE6754	Switch, See Also SPL C-1067	---	
199	V303G24	Terminal Block		
200	235BV1	Transformer	RTR	
201	TYPE235	Transformer	TRF	See Also Table TRF
202	235BK1	Transformer	TRL	
203	235BL1	Transformer	T1, T2	For 8126E1 & 2

DOOR OPERATOR	MACHINE and TRANSFORMER PART NUMBER				POWER SUPPLY VOLTAGE
	131HT	155HT, 72	219HT	269HT	
6970A	235C1	235D1	235E1	235AW1	198-252 (SVA)
7660A	235C6	235D6	235E6	235AW3	418-510 (SVB)
7770A	235C3	235D3	235E3	235AW4	511-630 (SVC)
A7300AA	235C1	---	---	---	198=252
	235BF1	---	---	---	418-510
	235BF2	---	---	---	511-630