



**CURTIS DC SepEx Motor Controller Parameter List**  
**Model: 1244-5565**

No.	Parameter	Min	Max	Value	Unit	Programmer Access Level	
						Read	Write
1	M1 DRIVE C/L	200	500	450		OEM	OEM
2	HS ENTRY Ia	0	500	120	Ampere	OEM	OEM
3	HS EXIT Ia	0	500	30	Ampere	OEM	OEM
4	HS DELAY	0.1	5	0.4	Ampere	OEM	OEM
5	M1 THRT BRK %	0	100	50	Ampere	OEM	OEM
6	M2 THRT BRK %	0	100	50	Ampere	OEM	OEM
7	M3 THRT BRK %	0	100	50	Ampere	OEM	OEM
8	M4 THRT BRK %	0	100	50	Ampere	OEM	OEM
9	M1 ACCEL RATE	1	5	1	Ampere	User	User
10	M2 ACCEL RATE	0.1	5	1		User	User
11	M3 ACCEL RATE	1	5	1		User	User
12	M4 ACCEL RATE	1	5	1		User	User
13	DECEL RATE	0.1	5	0.5		OEM	OEM
14	M1 BRAKE RATE	0.1	5	1	Seconds	OEM	OEM
15	QUICK START	0	10	0	Seconds	OEM	OEM
16	TAPER SLOPE	0	255	13	Seconds	OEM	OEM
17	M1 MAX SPEED	20	40	40	Seconds	User	User
18	M2 MAX SPEED	0	100	100	Seconds	User	User
19	M3 MAX SPEED	20	40	40	Seconds	User	User
20	M4 MAX SPEED	0	100	70	Seconds	User	User
21	REVERSAL RATE	0.1	5	0.4	Seconds	OEM	OEM
22	HS ENTRY RATE	1	32	6	Seconds	OEM	OEM
23	HS EXIT RATE	1	32	2	Seconds	OEM	OEM
24	REGEN SPEED	0	100	0		OEM	OEM
25	THRTL DEADBAND	0	30	2	%	User	User
26	THROTTLE MAX	60	100	98	%	User	User
27	M1 THRTL MAP	20	80	50	%	OEM	OEM
28	M2 THRTL MAP	20	80	50	%	User	User
29	M3 THRTL MAP	20	80	50	%	OEM	OEM
30	M4 THRTL MAP	20	80	50	%	OEM	OEM
31	FIELD MIN	4	20	15	%	OEM	OEM
32	FIELD MAX	15	50	35	%	OEM	OEM
33	HS FIELD MIN	2	15	4	%	OEM	OEM
34	FLD MAP START	0	240	70		OEM	OEM
35	FIELD MAP	0	100	70		OEM	OEM
36	CURRENT RATIO	1	4	1	%	OEM	OEM
37	RESTRAINT	1	10	5	%	OEM	OEM
38	LOAD COMP	0	25	0	%	OEM	OEM
39	HPD	0	2	0	%	OEM	OEM

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No.	Parameter	Min	Max	Value	Unit	Programmer Access Level	
						Read	Write
40	SRO	0	3	0	%	OEM	OEM
41	SEQUENCING DLY	0	3	0.3	%	OEM	OEM
42	MAIN OPEN DLY	0	40	40	Ampere	OEM	OEM
43	WELD CHECK	Off	On	Off	Ampere	OEM	OEM
44	MAIN CHECK	Off	On	Off	Ampere	OEM	OEM
45	EM BRAKE	Off	On	On	%	OEM	OEM
46	EM BRAKE DELAY	0	5	0.8		OEM	OEM
47	EM BRAKE CHECK	Off	On	Off		OEM	OEM
48	LOWER BRAKE % LIMIT	50	100	65		OEM	OEM
49	POV VOLTAGE	48	61	60		OEM	OEM
50	POV ON DELAY	0	10	0		OEM	OEM
51	POV OFF DELAY	0	60	4	Seconds	OEM	OEM
52	POV OFF VOLTS	0	5	2		OEM	OEM
53	ABV DELAY	0	30	0	Seconds	OEM	OEM
54	ABV	52	70	70		OEM	OEM
55	SORV	50	65	65		OEM	OEM