



**CURTIS DC SepEx Motor Controller Parameter List**  
**Model: 1244-5564**

No.	Parameter	Min	Max	Value	Unit	Programmer Access Level	
						Read	Write
1	M1 DRIVE C/L	200	500	500		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	0.6	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	33	Seconds	User	User
18	M2 MAX SPEED	0	100	100	Seconds	User	User
19	M3 MAX SPEED	20	40	20	Seconds	User	User
20	M4 MAX SPEED	0	100	20	Seconds	User	User
21	REVERSAL RATE	0.1	5	0.4	Seconds	OEM	OEM
22	HS ENTRY RATE	1	32	4	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	6	%	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	FIELD MIN	4	20	15	%	OEM	OEM
30	FIELD MAX	15	50	50	%	OEM	OEM
31	HS FIELD MIN	2	15	4	%	OEM	OEM
32	FLD MAP START	0	240	70	%	OEM	OEM
33	FIELD MAP	0	100	45	%	OEM	OEM
34	CURRENT RATIO	1	4	1		OEM	OEM
35	RESTRAINT	1	10	5		OEM	OEM
36	LOAD COMP	0	25	0	%	OEM	OEM
37	HPD	0	2	0	%	OEM	OEM
38	SRO	0	3	0	%	OEM	OEM

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No.	Parameter	Min	Max	Value	Unit	Programmer Access Level	
						Read	Write
39	SEQUENCING DLY	0	3	0.3	%	OEM	OEM
40	MAIN OPEN DLY	0	40	40	%	OEM	OEM
41	WELD CHECK	Off	On	Off	%	OEM	OEM
42	MAIN CHECK	Off	On	Off	Ampere	OEM	OEM
43	EM BRAKE	Off	On	On	Ampere	OEM	OEM
44	EM BRAKE DELAY	0	5	1	Ampere	OEM	OEM
45	EM BRAKE CHECK	Off	On	Off	%	OEM	OEM
46	LOWER BRAKE % LIMIT	50	100	55		OEM	OEM
47	POV VOLTAGE	48	61	58		OEM	OEM
48	POV ON DELAY	0	10	0		OEM	OEM
49	POV OFF DELAY	0	60	6		OEM	OEM
50	POV OFF VOLTS	0	5	3		OEM	OEM
51	ABV DELAY	0	30	0	Seconds	OEM	OEM
52	ABV	52	70	70		OEM	OEM
53	SORV	50	65	65	Seconds	OEM	OEM