Parameter List Reference

(916) 463-9200 EX 247

Para.	Name	E	R	Res.	Lower Limit	Upper Limit	Default	Unit	Visable in modes
LF.57	Speed Following Error	E		1	0	1	1	text	M,S
LF.58	Speed Difference	E		1	0	30	10	%	M,S
LF.59	Following Error Timer	E		0.1	0	1	1	sec	M,S
LF.60	Level for Brake Set	E		0.1	0	3	1	ft/min	G
LF.67	Pretorque Gain	E		0.01	0.25	2	1	-	M,S
LF.68	Pretorque Offset	E		0.1	-100	100	0	%	M,S
LF.69	Pretorque Direction	E		1	-1	1	1	-	M,S
LF.70	Brake Release Time	E		0.1	0	3	0.3	s	G,M,S
LF.71	Rated Speed (leveling trim)	E		0.1	10.0	6000.0	1165.0	rpm	G
LF.72	Resistance (leveling trim)	E		0.001	0	50	49.999	ohms	G
LF.73	KI controller decel	E		1	1	32767	30	-	G
LF.74	Autoboost gain	E		0.01	0	2.5	2	-	G
LF.75	Magnitizing Current Control Gain	E		1	50	100	70	%	G
LF.76	Encoder multiplier	E		1	0	13	2	-	M,S
LF.77	Absolute Encoder Position	E		1	0	65535	0	-	S
LF.78	Brake Engage Time	E		0.01	0	3	0.5	s	M,S
LF.79	Current Hold Time	E		0.1	0.1	3	0.3	s	G,M,S
LF.80	Software Version		R					-	G,M,S
LF.81	Software Date		R					-	G,M,S
LF.82	X2-Input State		R	Table				-	G,M,S
LF.83	X2-Output State		R	Table				-	G,M,S
LF.86	Selected Speed		R	1	0	7		-	G,M,S
LF.87	Actual Inverter Load		R	1				%	G,M,S
LF.88	Actual Set Speed		R	0.1				rpm	G,M,S
LF.89	Actual Motor Speed		R	0.1				rpm	G,M,S
LF.90	Actual Elevator Speed		R	1				ft/min	M,S
LF.93	Phase Current		R	0.1				A	G,M,S
LF.94	Peak Phase Current		R	0.1				A	G,M,S
LF.95	DC Bus Voltage		R	1				V	G,M,S
LF.96	Peak DC Bus Votlage		R	1				V	G,M,S
LF97	Actual output frequency		R	0.1				Hz	G,M,S
LF98	Last Fault		R	Table					G,M,S
LF.99	Inverter State		R	Table					G,M,S

Not for function

G = open loop induction motor, M = closed loop induction motor, S= closed loop permanent magnet motor
M,S1) = gearless mode induction or PM motor
R = Read only

2-2204 R 48 Quick reference To

9.0 Parameter List Reference

	Name	E	R	Res.	Lower Limit	Upper Limit	Default	Unit	Visable in modes
LF.02	Steering/Operating Mode	E		1	2	4	2	text	G,M,S
LF.03	Drive configuration	E		1	0	2	1	text	G,M,S
LF.04	Drive Mode	E	R	1	0	4	-	text	G,M,S
LF.05	Auto Reset	E		1	0	10	3	-	G,M,S
LF.08	Electronic Mtr Protection	E		1	0	1	0	text	G,M,S
LF.09	Electronic Mtr Protection Current	E		0.1	1	110%Rtd	8	A	G,M
LF.10	Rated Motor Power	E		0.1	0.5	125	5	hp	G,M
			R	0.1	0.5	125	5	hp	S
LF.11	Rated Motor Speed	E		0.1	10	6000	1165	rpm	G,M,S
						(500.0)	(150.0)		M,S 1)
LF.12	Rated Motor Current	E		0.1	1	110%Rtd	8	A	G,M,S
LF.13	Rated Motor Frequency	E		0.1	4	200	60	Hz	G,M
						(50.0)	(50.0)		M,S 1)
LF.14	Rated Motor Voltage	E		1	120	500	230/460	V	G,M
	Voltage Constant ke	E		1	1	32000	1	V/1000rpm	S
LF.15	Power Factor	E		0.01	0.5	1	0.83	-	G,M
LF.16	Field Weakening Speed	E		0.5	1	6000.0 (500.0)	960.0 (100.0)	rpm	M
LF.17	Rated Motor Torque	E	R					lb ft	M
				1	1	10000	18		S
LF.18	Motor Resistance	E		0.001	0	50.000:Autocheck	49.999	ohms	G,M
						49.999			S
LF.19	Motor Inductance	E		0.01	0.01	500	1	mH	M,S
LF.20	Contract Speed	E		1	0	1600	0	ft/min	G,M,S
LF.21	Traction Sheave Diameter	E		0.01	7	80	24	inches	G,M,S
LF.22	Gear Reduction Ratio	E		0.01	1	99.99	30	-	G,M,S
LF.23	Roping Ratio	E		1	1	8	1	-	G,M,S
LF.24	Load	E		1	0	30000	0	lb	G,M,S
LF.25	Estimated Gear Reduction		R	0.01	0	655.35	-	-	G,M,S
LF.26	Type of encoder	E		1	0	15	1	-	M,S
LF.27	Encoder Pulse Number	E		1	256	16384	1024	ppr	M,S
LF.28	Swap Encoder Channels	E		1	0	3	0	-	M,S
LF.29	Sample rate for encoder	E		1	0.5	32	4	mS	M,S
LF.30	Control Mode	E		1	0	4	)(GM), 2(S	-	M,S
LF.31	KP Speed	E		1	1	50396	3000	-	M,S
LF.32	KI Speed	E		1	1	26214	1000	-	M,S
LF.33	KI Speed Offset	E		1	0	8000	1000	-	M,S
LF.34	KP Current	E		1	1	32767	1500	-	M,S
LF.35	KI Current	E		1	1	32767	500	-	M,S
LF.36	Maximum Torque	E		1	0	23590	3 x LF17	lbft	M,S
LF.37	Low Speed Torque Boast	E		0.1	0	25.5	5	%	G, M
LF.38	Switching Frequency	E		1	0	1	0	-	G,M,S
LF.41	Leveling Speed	E		0.1	0	16%ofLF20	0	ft/min	G,M,S
LF.42	High Speed	E		0.1	0	LF.20	0	ft/min	G,M,S
LF.43	Inspection Speed	E		0.1	0	66%ofLF20	0	ft/min	G,M,S
LF.44	High Leveling Speed	E		0.1	0	25%ofLF20	0	ft/min	G,M,S
LF.45	Intermediate Speed	E		0.1	0	100%ofLF20	0	ft/min	G,M,S
LF.50	Aceleration Jerk	E		0.01	0.3	32.00: off	3	ft/s3	G,M,S
LF.51	Acceleration	E		0.01	0.3	12.00: off	3	ft/s2	G,M,S
LF.52	Deceleration Jerk	E		0.01	0.3	32.00: off	3	ft/s3	G,M,S
LF.53	Deceleration	E		0.01	0.3	12.00: off	3	ft/s2	G,M,S

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Rob Elevator 8 **Customer Values** MCE

Job# 06-57590 Serial# 3222852(A) 3222854(B)

Customer parameter values

	Size	Customer Adjustment	Unit
	LF.02	A SPD	-
	LF.03	Run	-
	LF.04	1CL SD	-
	LF.05	3	-
	LF.08	on	-
*	LF.09	47.7	A
	LF.10	40	hp
	LF.11	1170	rpm
	LF.12	47.7	A
	LF.13	60	Hz
	LF.14	480	V
	LF.15	0.92	-
	LF.16	936	rpm
179	LF.17	Auto Cal	lb ft
	LF.18		ohm
	LF.19		mH
	LF.20	150	ft/min
	LF.21	26	inches
	LF.22	51.5	-
	LF.23	1	-
	LF.24	8000	lbs
53.11	LF.25	Auto Cal	
1NCLE	LF.26	Auto Cal	
	LF.27	1024	ppr
	LF.28	2	
	LF.29	4	mSec
	LF.30	2	-
	LF.31	3000	-
	LF.32	1000	-
	LF.33	4000	-
563	LF.34	Auto Cal	-
188	LF.35	Auto Cal	-
537	LF.36	Auto Cal	lb ft

Size	Customer Adjustment	Unit
LF.37	10.0	%
LF.38	~~0~~	-
LF.41	0.0	ft/min
LF.42	150	ft/min
LF.43	0.0	ft/min
LF.44	0.0	ft/min
LF.45	0.0	ft/min
LF.50	32.0	ft/sec^3
LF.51	12.~~0~~	ft/sec^2
LF.52	32.~~0~~	ft/sec^3
LF.53	12.~~00~~	ft/sec^2
LF.57	ON	-
LF.58	10	%
LF.59	1.~~0~~	sec
LF.60		ft/min
LF.67	1.~~0~~	-
LF.68	0.0	%
LF.69	1	-
LF.70	0.3	sec
LF.71		%
LF.72		Ohms
LF.73		-
LF.74		-
LF.75		-
LF.76	2	-
LF.77		-
LF.78	0.8~~0~~	sec
LF.79	0.3	sec

03-03-2014