Parameter List: EMX3

1. Overview

This application note lists soft starter programmable parameters, to simplify management over network communications.

This parameter list is correct for parameter list version 5.x.

For parameter details, refer to the soft starter user manual.

NOTE
To check the parameter list version, use WinMaster PC software (Starter > Starter Settings) or query the starter using network communications.

2. Parameter list

	Parameter Number	Parameter name
1	1A	*Motor Full Load Current*
2	1B	*Locked Rotor Time*
3	1C	*Locked Rotor Current*
4	1D	*Motor Service Factor*
5	2A	*Start Mode*
6	2B	*Start Ramp Time*
7	2C	*Initial Current*
8	2D	*Current Limit*
9	2E	*Adaptive Start Profile*
10	2F	*Kickstart Time*
11	2G	*Kickstart Level*
12	2H	*Stop Mode*
13	2I	*Stop Time*
14	2J	*Adaptive Stop Profile*
15	2K	*Adaptive Control Gain*
16	2L	*Brake Torque*
17	2M	*Brake Time*
18	3A	*Auto-Start Type*
19	3B	*Auto-Start Time*
20	3C	*Auto-Stop Type*
21	3D	*Auto-Stop Time*
22	4A	*Excess Start Time*
23	4B	*Excess Start Time-2*
24	4C	*Undercurrent*
25	4D	*Undercurrent Delay*
26	4E	*Instantaneous Overcurrent*
27	4F	*Instantaneous Overcurrent Delay*
28	4G	*Phase Sequence*
29	4H	*Current Imbalance*
30	4I	*Current Imbalance Delay*
31	4J	*Frequency Check*
32	4K	*Frequency Variation*
33	4L	*Frequency Delay*
34	4M	*Restart Delay*
35	4N	*Motor Temperature Check*

	Parameter Number	Parameter name
36	4O	*Ground Fault Level*
37	4P	*Ground Fault Delay*
38	4Q	*Reserved*
39	4R	*Reserved*
40	4S	*Reserved*
41	4T	*Reserved*
42	5A	*Auto-Reset Action*
43	5B	*Maximum Resets*
44	5C	*Reset Delay Groups A&B*
45	5D	*Reset Delay Group C*
46	6A	*Input A Function*
47	6B	*Input A Name*
48	6C	*Input A Trip*
49	6D	*Input A Trip Delay*
50	6E	*Input A Initial Delay*
51	6F	*Input B Function*
52	6G	*Input B Name*
53	6H	*Input B Trip*
54	6I	*Input B Trip Delay*
55	6J	*Input B Initial Delay*
56	6K	*Input C Function*
57	6L	*Input D Function*
58	6M	*Remote Reset Logic*
59	6N	*Analog Input Trip*
60	6O	*Analog Input Scale*
61	6P	*Analog Trip Point*
62	6Q	*Local/Remote*
63	6R	*Comms in Remote*
64	7A	*Relay A Function*
65	7B	*Relay A On Delay*
66	7C	*Relay A Off Delay*
67	7D	*Relay B Function*
68	7E	*Relay B On Delay*
69	7F	*Relay B Off Delay*
70	7G	*Relay C Function*
71	7H	*Relay C On Delay*
72	7I	*Relay C Off Delay*
73	7J	*Relay D Function*
74	7K	*Relay E Function*
75	7L	*Relay F Function*
76	7M	*Low Current Flag*
77	7N	*High Current Flag*
78	7O	*Motor Temperature Flag*
79	7P	*Analog Output A*
80	7Q	*Analog A Scale*
81	7R	*Analog A Maximum Adjustment*
82	7S	*Analog A Minimum Adjustment*
83	7T	*Analog Output B*

	Parameter Number	Parameter name
84	7U	*Analog B Scale*
85	7V	*Analog B Maximum Adjustment*
86	7W	*Analog B Minimum Adjustment*
87	8A	*Language*
88	8B	*F1 Button Action*
89	8C	*F2 Button Action*
90	8D	*Display A or kW*
91	8E	*User Screen - Top Left*
92	8F	*User Screen - Top Right*
93	8G	*User Screen - Bottom Left*
94	8H	*User Screen - Bottom Right*
95	8I	*Graph Data*
96	8J	*Graph Timebase*
97	8K	*Graph Maximum Adjustment*
98	8L	*Graph Minimum Adjustment*
99	8M	*Current Calibration*
100	8N	*Mains Reference Voltage*
101	8O	*Voltage Calibration*
102	9A	*Dual Thermal Model*
103	9B	*Motor FLC-2*
104	9C	*Locked Rotor Time-2*
105	9D	*Locked Rotor Current-2*
106	9E	*Motor Service Factor-2*
107	10A	*Start Mode-2*
108	10B	*Start Ramp-2*
109	10C	*Initial Current-2*
110	10D	*Current Limit-2*
111	10E	*Adaptive Start Profile-2*
112	10F	*Kickstart Time-2*
113	10G	*Kickstart Level-2*
114	10H	*Stop Mode-2*
115	10I	*Stop Time-2*
116	10J	*Adaptive Stop Profile-2*
117	10K	*Adaptive Control Gain-2*
118	10L	*Brake Torque-2*
119	10M	*Brake Time-2*
120	11A	*RTD/PT100 A °C*
121	11B	*RTD/PT100 B °C*
122	11C	*RTD/PT100 C °C*
123	11D	*RTD/PT100 D °C*
124	11E	*RTD/PT100 E °C*
125	11F	*RTD/PT100 F °C*
126	11G	*RTD/PT100 G °C*
127	12A	*Motor Data-1 Ramp*
128	12B	*Motor Data-2 Ramp*
129	12C	*Changeover Time*
130	12D	*Slip Ring Retard*
131	15A	*Access Code*

	Parameter Number	Parameter name
132	15B	*Adjustment Lock*
133	15C	*Emergency Run*
134	15D	*Shorted SCR Action*
135	15E	*Jog Torque*
136	16A	*Motor Overload*
137	16B	*Excess Start Time*
138	16C	*Undercurrent*
139	16D	*Instantaneous Overcurrent*
140	16E	*Current Imbalance*
141	16F	*Frequency*
142	16G	*Input A Trip*
143	16H	*Input B Trip*
144	16I	*Motor Thermistor*
145	16J	*Starter Communication*
146	16K	*Network Communication*
147	16L	*Heatsink Overtemperature*
148	16M	*Battery/Clock*
149	16N	*Ground Fault*
150	16O	*RTD/PT100 A*
151	16P	*RTD/PT100 B*
152	16Q	*RTD/PT100 C*
153	16R	*RTD/PT100 D*
154	16S	*RTD/PT100 E*
155	16T	*RTD/PT100 F*
156	16U	*RTD/PT100 G*
157	16V	*Reserved*
158	16W	*Reserved*
159	16X	*Low Control Volts*
160	20A	*Motor Connection*
161	20B	*Main Cont Time*
162	20C	*Bypass Cont Time*
163	20D	*Comms Timeout*
164	20E	*Frequency Detect*
165	20F	*Tracking Gain*
166	20G	*Tracking Gain-2*
167	20H	*Bypass Protection*
168	20I	*Pedestal Detect*