

# Parameter List (Digistart D3)

## 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 3.2.

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



### NOTE

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

## 2 Parameter list

	Parameter Number	Parameter Name
1	1A	<i>Motor Full Load Current</i>
2	1B	<i>Locked Rotor Current</i>
3	1C	<i>Locked Rotor Time</i>
4	1D	<i>Motor Service Factor</i>
5	2A	<i>Start Mode</i>
6	2B	<i>Current Limit</i>
7	2C	<i>Initial Current</i>
8	2D	<i>Start Ramp Time</i>
9	2E	<i>Adaptive Start Profile</i>
10	2F	<i>Kickstart Level</i>
11	2G	<i>Kickstart Time</i>
12	2H	<i>Stop Mode</i>
13	2I	<i>Stop Time</i>
14	2J	<i>Stop Delay</i>
15	2K	<i>Adaptive Stop Profile</i>
16	2L	<i>Adaptive Control Gain</i>
17	2M	<i>Brake Torque</i>
18	2N	<i>Brake Time</i>
19	2O	<i>Auto-Start Type</i>
20	2P	<i>Auto-Start Time</i>
21	2Q	<i>Auto-Stop Type</i>
22	2R	<i>Auto-Stop Time</i>
23	3A	<i>Input A Function</i>
24	3B	<i>Input A Name</i>
25	3C	<i>Input A Trip</i>
26	3D	<i>Input A Initial Delay</i>
27	3E	<i>Input A Trip Delay</i>
28	3F	<i>Input B Function</i>
29	3G	<i>Input B Name</i>

	<b>Parameter Number</b>	<b>Parameter Name</b>
	30	<i>Input B Trip</i>
	31	<i>Input B Initial Delay</i>
	32	<i>Input B Trip Delay</i>
	33	<i>Input C Function</i>
	34	<i>Input D Function</i>
	35	<i>Local/Remote</i>
	36	<i>Remote Reset Logic</i>
	37	<i>Comms in Remote</i>
	38	<i>Relay A Action</i>
	39	<i>Relay A On Delay</i>
	40	<i>Relay A Off Delay</i>
	41	<i>Relay B Action</i>
	42	<i>Relay B On Delay</i>
	43	<i>Relay B Off Delay</i>
	44	<i>Relay C Action</i>
	45	<i>Relay C On Delay</i>
	46	<i>Relay C Off Delay</i>
	47	<i>Relay D Action</i>
	48	<i>Relay E Action</i>
	49	<i>Relay F Action</i>
	50	<i>Excess Start Time</i>
	51	<i>Excess Start Time-2</i>
	52	<i>Current Imbalance</i>
	53	<i>Phase Sequence</i>
	54	<i>Underpower</i>
	55	<i>Overpower</i>
	56	<i>Reserved</i>
	57	<i>Reserved</i>
	58	<i>Frequency Check</i>
	59	<i>Frequency Variation</i>
	60	<i>Ground Fault Level</i>
	61	<i>Motor Temperature Check</i>
	62	<i>Current Imbalance Delay</i>
	63	<i>Underpower Delay</i>
	64	<i>Overpower Delay</i>
	65	<i>Reserved</i>
	66	<i>Reserved</i>
	67	<i>Frequency Delay</i>
	68	<i>Restart Delay</i>
	69	<i>Ground Fault Delay</i>
	70	<i>Low Current Flag</i>
	71	<i>High Current Flag</i>
	72	<i>Motor Temperature Flag</i>
	73	<i>Mains Reference Voltage</i>
	74	<i>Analog Input Trip</i>
	75	<i>Analog Input Scale</i>
	76	<i>Analog Trip Point</i>
	77	<i>Analog Output A</i>
	78	<i>Analog A Scale</i>
	79	<i>Analog A Maximum Adjustment</i>
	80	<i>Analog A Minimum Adjustment</i>
	81	<i>Analog Output B</i>

	<b>Parameter Number</b>	<b>Parameter Name</b>	
	82	8I	<i>Analog B Scale</i>
	83	8J	<i>Analog B Maximum Adjustment</i>
	84	8K	<i>Analog B Minimum Adjustment</i>
	85	9A	<i>Languages</i>
	86	9B	<i>User Screen - Top Left</i>
	87	9C	<i>User Screen - Top Right</i>
	88	9D	<i>User Screen - Bottom Left</i>
	89	9E	<i>User Screen - Bottom Right</i>
	90	9F	<i>Graph Data</i>
	91	9G	<i>Graph Timebase</i>
	92	9H	<i>Graph Maximum Adjustment</i>
	93	9I	<i>Graph Minimum Adjustment</i>
	94	9J	<i>F1 Button Action</i>
	95	9K	<i>F2 Button Action</i>
	96	9L	<i>Current Calibration</i>
	97	9M	<i>Display A or kW</i>
	98	10A	<i>Auto-Reset Action</i>
	99	10B	<i>Maximum Resets</i>
	100	10C	<i>Reset Delay Groups A&amp;B</i>
	101	10D	<i>Reset Delay Group C</i>
	102	11A	<i>Motor FLC-2</i>
	103	11B	<i>Dual Thermal Model</i>
	104	11C	<i>Locked Rotor Current-2</i>
	105	11D	<i>Locked Rotor Time-2</i>
	106	11E	<i>Motor Service Factor-2</i>
	107	12A	<i>Start Mode-2</i>
	108	12B	<i>Current Limit-2</i>
	109	12C	<i>Initial Current-2</i>
	110	12D	<i>Start Ramp-2</i>
	111	12E	<i>Adaptive Start Profile-2</i>
	112	12F	<i>Kickstart Level-2</i>
	113	12G	<i>Kickstart Time-2</i>
	114	12H	<i>Stop Mode-2</i>
	115	12I	<i>Stop Time-2</i>
	116	12J	<i>Stop Delay-2</i>
	117	12K	<i>Adaptive Stop Profile-2</i>
	118	12L	<i>Adaptive Control Gain-2</i>
	119	12M	<i>Brake Torque-2</i>
	120	12N	<i>Brake Time-2</i>
	121	13A	<i>Motor Data-1 Ramp</i>
	122	13B	<i>Motor Data-2 Ramp</i>
	123	13C	<i>Slip Ring Retard</i>
	124	13D	<i>Changeover Time</i>
	125	14A	<i>RTD/PT100 A °C</i>
	126	14B	<i>RTD/PT100 B °C</i>
	127	14C	<i>RTD/PT100 C °C</i>
	128	14D	<i>RTD/PT100 D °C</i>
	129	14E	<i>RTD/PT100 E °C</i>
	130	14F	<i>RTD/PT100 F °C</i>
	131	14G	<i>RTD/PT100 G °C</i>
	132	15A	<i>Access Code</i>
	133	15B	<i>Emergency Run</i>

	<b>Parameter Number</b>	<b>Parameter Name</b>
134	15C	<i>Adjustment Lock</i>
135	15D	<i>Shorted SCR Action</i>
136	15E	<i>Jog Torque</i>
137	16A	<i>Motor Overload</i>
138	16B	<i>Excess Start Time</i>
139	16C	<i>Current Imbalance</i>
140	16D	<i>Underpower</i>
141	16E	<i>Overpower</i>
142	16F	<i>Reserved</i>
143	16G	<i>Reserved</i>
144	16H	<i>Frequency</i>
145	16I	<i>Input A Trip</i>
146	16J	<i>Input B Trip</i>
147	16K	<i>Motor Thermistor</i>
148	16L	<i>Starter Communication</i>
149	16M	<i>Network Communication</i>
150	16N	<i>Heatsink Overtemperature</i>
151	16O	<i>Battery/Clock</i>
152	16P	<i>Ground Fault</i>
153	16Q	<i>RTD/PT100 A</i>
154	16R	<i>RTD/PT100 B</i>
155	16S	<i>RTD/PT100 C</i>
156	16T	<i>RTD/PT100 D</i>
157	16U	<i>RTD/PT100 E</i>
158	16V	<i>RTD/PT100 F</i>
159	16W	<i>RTD/PT100 G</i>
160	16X	<i>Low Control Volts</i>
161	20A	Motor Connection
162	20B	Main Cont Time
163	20C	Bypass Cont Time
164	20D	Comms Timeout
165	20E	Frequency Detect
166	20F	Tracking Gain
167	20G	Tracking Gain-2
168	20H	Bypass Protection
169	20I	Pedestal Detect