

Parameter Listing

Project: leonardo_up_vecchio_1 : Rem
 Drive Name: My Drive 2 (Digitax ST - Base)
 Drive Mode: Closed loop servo
 Drive Address: 1

Parameter	Description	Default	Memory	Units
01.00	Parameter 0	0	0	
01.01	Frequency / speed reference selected	0,0	-5,4	RPM
01.02	Pre skip filter reference	0,0	0,0	RPM
01.03	Pre ramp reference	0,0	0,0	RPM
01.04	Reference offset	0,0	0,0	RPM
01.05	Jog reference	0,0	0,0	RPM
01.06	Maximum reference clamp	3000,0	3000,0	RPM
01.07	Minimum reference clamp	0,0	-3000,0	RPM
01.08	Negative minimum reference clamp enable	OFF	ON	
01.09	Reference offset select	OFF	OFF	
01.10	Bipolar reference enable	OFF	ON	
01.11	Reference enabled indicator	OFF	OFF	
01.12	Reverse selected indicator	OFF	OFF	
01.13	Jog selected indicator	OFF	OFF	
01.14	Reference selector	A1.A2	A1.A2	
01.15	Preset reference selector	0	0	
01.16	Preset reference selector timer	10,0	10,0	s
01.17	Keypad control mode reference	0,0	0,0	RPM
01.18	Precision reference coarse	0,0	0,0	RPM
01.19	Precision reference fine	0,000	0,000	RPM
01.20	Precision reference update disable	OFF	OFF	
01.21	Preset reference 1	0,0	0,0	RPM
01.22	Preset reference 2	0,0	0,0	RPM
01.23	Preset reference 3	0,0	0,0	RPM
01.24	Preset reference 4	0,0	0,0	RPM
01.25	Preset reference 5	0,0	0,0	RPM
01.26	Preset reference 6	0,0	0,0	RPM
01.27	Preset reference 7	0,0	0,0	RPM
01.28	Preset reference 8	0,0	0,0	RPM
01.29	Skip reference 1	0	0	RPM
01.30	Skip reference band 1	5	5	RPM
01.31	Skip reference 2	0	0	RPM
01.32	Skip reference band 2	5	5	RPM
01.33	Skip reference 3	0	0	RPM
01.34	Skip reference band 3	5	5	RPM
01.35	Reference in reject zone	OFF	OFF	
01.36	Analog reference 1	0,0	-4,8	RPM
01.37	Analog reference 2	0,0	0,0	RPM
01.38	Percentage trim	0,00	0,00	%
01.39	Velocity feed forward	0,0	0,0	RPM
01.40	Velocity feed forward select	OFF	OFF	
01.41	Analog reference 2 select	OFF	OFF	
01.42	Preset reference select	OFF	OFF	
01.43	Keypad reference select	OFF	OFF	
01.44	Precision reference select	OFF	OFF	
01.45	Preset reference 1 select	OFF	OFF	
01.46	Preset reference 2 select	OFF	OFF	
01.47	Preset reference 3 select	OFF	OFF	
01.48	Reference timer reset flag	OFF	OFF	
01.49	Reference selected indicator	0	1	
01.50	Preset reference selected indicator	0	1	
01.51	Power-up keypad control mode reference	rESEt	rESEt	
02.00	Parameter 0	0	0	
02.01	Post ramp reference	0,0	0,0	RPM
02.02	Ramp enable	ON	ON	
02.03	Ramp hold	OFF	ON	
02.04	Ramp mode select	Std	FAST	
02.06	S ramp enable	OFF	OFF	
02.07	S ramp acceleration limit	0,030	0,030	s /1000RPM

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02.08	Standard ramp voltage	750	750	V
02.10	Acceleration rate selector	0	0	
02.11	Acceleration rate 1	0,200	1,000	s/1000 RPM
02.12	Acceleration rate 2	0,200	0,200	s/1000 RPM
02.13	Acceleration rate 3	0,200	0,200	s/1000 RPM
02.14	Acceleration rate 4	0,200	0,200	s/1000 RPM
02.15	Acceleration rate 5	0,200	0,200	s/1000 RPM
02.16	Acceleration rate 6	0,200	0,200	s/1000 RPM
02.17	Acceleration rate 7	0,200	0,200	s/1000 RPM
02.18	Acceleration rate 8	0,200	0,200	s/1000 RPM
02.19	Jog acceleration rate	0,000	0,000	s/1000 RPM
02.20	Deceleration rate selector	0	0	
02.21	Deceleration rate 1	0,200	1,000	s/1000 RPM
02.22	Deceleration rate 2	0,200	0,200	s/1000 RPM
02.23	Deceleration rate 3	0,200	0,200	s/1000 RPM
02.24	Deceleration rate 4	0,200	0,200	s/1000 RPM
02.25	Deceleration rate 5	0,200	0,200	s/1000 RPM
02.26	Deceleration rate 6	0,200	0,200	s/1000 RPM
02.27	Deceleration rate 7	0,200	0,200	s/1000 RPM
02.28	Deceleration rate 8	0,200	0,200	s/1000 RPM
02.29	Jog deceleration rate	0,000	0,000	s/1000 RPM
02.32	Acceleration select bit 0	OFF	OFF	
02.33	Acceleration select bit 1	OFF	OFF	
02.34	Acceleration select bit 2	OFF	OFF	
02.35	Deceleration select bit 0	OFF	OFF	
02.36	Deceleration select bit 1	OFF	OFF	
02.37	Deceleration select bit 2	OFF	OFF	
02.38	Inertia compensation torque	0,0	0,0	%
03.00	Parameter 0	0	0	
03.01	Final speed reference	0,0	0,0	RPM
03.02	Speed feedback	0,0	0,0	RPM
03.03	Speed error	0,0	0,0	RPM
03.04	Speed controller output	0,0	0,0	%
03.05	Zero speed threshold	5	5	RPM
03.06	At speed lower limit	5	5	RPM
03.07	At speed upper limit	5	5	RPM
03.08	Overspeed threshold	0	0	RPM
03.09	Absolute 'at speed' detect	OFF	OFF	
03.10	Speed controller proportional gain (Kp1)	0,0100	0,0100	1/rad s-1
03.11	Speed controller integral gain (Ki1)	1,00	1,00	1/rad
03.12	Speed controller differential feedback gain (Kd1)	0,00000	0,00000	s
03.13	Speed controller proportional gain (Kp2)	0,0100	0,0100	
03.14	Speed controller integral gain (Ki2)	1,00	1,00	1/rad
03.15	Speed controller differential feedback gain (Kd2)	0,00000	0,00000	
03.16	Speed controller gain select	OFF	OFF	
03.17	Speed controller set-up method	0	0	
03.18	Motor and load inertia	0,00000	0,00000	kg m
03.19	Compliance angle	4,0	4,0	
03.20	Bandwidth	10	10	Hz
03.21	Damping factor	1,0	1,0	
03.22	Hard speed reference	0,0	0,0	RPM
03.23	Hard speed reference selector	OFF	OFF	
03.25	Encoder phase angle	0,0	2,1	
03.26	Speed feedback selector	drv	drv	
03.27	Drive encoder speed feedback	0,0	0,0	RPM
03.28	Drive encoder revolution counter	0	0	
03.29	Drive encoder position	0	0	
03.30	Drive encoder fine position	0	0	
03.31	Drive encoder marker position reset disable	OFF	OFF	
03.32	Drive encoder marker flag	OFF	OFF	

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03.33	Drive encoder turn bits / Linear encoder comms to sine wave ratio	16	16	
03.34	Drive encoder lines per revolution	4096	4096	
03.35	Drive encoder single turn comms bits / Linear encoder comms bits / Marker mode	0	0	
03.36	Drive encoder supply voltage	5	5	
03.37	Drive encoder comms baud rate	300	300	
03.38	Drive encoder type	Ab.Servo	Ab.Servo	
03.39	Drive encoder termination select / Rotary encoder select / Comms only encoder mode	1	1	
03.40	Drive encoder error detection level	1	1	
03.41	Drive encoder auto configuration enable / SSI binary format select	OFF	OFF	
03.42	Drive encoder filter	0	0	ms
03.43	Maximum drive encoder reference	3000	3000	RPM
03.44	Drive encoder reference scaling	1,000	1,000	
03.45	Drive encoder reference	0,0	0,0	%
03.46	Drive encoder reference destination	0,00	0,00	menu.param
03.47	Re-initialise position feedback	OFF	OFF	
03.48	Position feedback initialised	OFF	OFF	
03.49	Full motor object electronic nameplate transfer	OFF	OFF	
03.50	Position feedback lock	OFF	OFF	
03.52	Encoder simulation ratio numerator	1,0000	1,0000	
03.54	Encoder simulation mode	Ab	Ab	
04.00	Parameter 0	0	0	
04.01	Current magnitude	0,00	0,00	A
04.02	Active current	0,00	0,00	A
04.03	Torque demand	0,0	0,0	%
04.04	Current demand	0,0	0,0	%
04.05	Motoring current limit	300,0	300,0	%
04.06	Regen current limit	300,0	300,0	%
04.07	Symmetrical current limit	300,0	300,0	%
04.08	Torque reference	0,00	0,00	%
04.09	Torque offset	0,0	0,0	%
04.10	Torque offset select	OFF	OFF	
04.11	Torque mode selector	0	0	
04.12	Current demand filter 1	0,0	0,0	ms
04.13	Current controller Kp gain	150	90	
04.14	Current controller Ki gain	2000	680	
04.15	Thermal time constant	20,0	20,0	
04.16	Thermal protection mode	0	0	
04.17	Reactive current	0,00	0,00	A
04.18	Overriding current limit	0,0	300,0	%
04.19	Overload accumulator	0,0	0,0	%
04.20	Percentage load	0,0	0,0	%
04.22	Inertia compensation enable	OFF	OFF	
04.23	Current demand filter 2	0,0	0,0	ms
04.24	User current maximum scaling	300,0	300,0	%
04.25	Low speed thermal protection mode	OFF	OFF	
05.00	Parameter 0	0	0	
05.01	Output frequency	0,0	0,0	Hz
05.02	Output voltage	0	0	V
05.03	Output power	0,00	0,00	kW
05.05	D.C bus voltage	0	569	V
05.07	Motor rated current	4,00	4,00	A
05.08	Rated load rpm / rated speed	3000,00	3000,00	RPM
05.09	Rated voltage	400	400	V
05.11	Number of motor poles	6 pole	6 pole	
05.12	Autotune	0	0	
05.14	Action on enable	None	None	
05.17	Stator resistance	0,000	0,201	x10 Ohm
05.18	Maximum switching frequency	6	6	kHz
05.21	Field gain reduction	OFF	OFF	

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05.22	High speed servo mode enable	OFF	OFF	
05.24	Transient inductance (sLs)	0,000	11,326	mH
05.26	High dynamic performance enable	OFF	OFF	
05.31	Voltage controller gain	1	1	
05.32	Motor torque per amp, Kt	1,60	1,60	Nm/A
05.33	Motor volts per 1,000 rpm, Ke	98	98	V
05.35	Disable auto-switching frequency change	OFF	OFF	
05.36	Motor pole pitch	0,00	0,00	
05.37	Actual switching frequency	3	6	
05.38	Minimal movement phasing test angle	5,0	5,0	
05.39	Minimal movement phasing test pulse length	0	0	
06.00	Parameter 0	0	0	
06.01	Stop mode	no.rP	no.rP	
06.03	Mains loss mode	diS	diS	
06.04	Start / stop logic select	4	4	
06.08	Hold zero speed	ON	OFF	
06.09	Catch a spinning motor	1	1	
06.12	Enable stop key	OFF	OFF	
06.13	Enable forward / reverse key	OFF	OFF	
06.15	Drive enable	ON	ON	
06.16	Electricity cost per kWh	0,0	0,0	/ kWh
06.17	Reset energy meter	OFF	OFF	
06.18	Time between filter changes	0	0	h
06.19	Filter change required / change done	OFF	OFF	
06.20	Powered-up time: years.days	0,000	0,000	yy.ddd
06.21	Powered-up time: hours.minutes	0,00	0,02	hh.mm
06.22	Run time: years.days	0,000	0,143	yy.ddd
06.23	Run time: hours.mins	0,00	20,38	hh.mm
06.24	Energy meter: MWh	0,0	0,0	MWh
06.25	Energy meter: kWh	0,00	6,40	kWh
06.26	Running cost	0	0	
06.27	Time before filter change due	0	0	h
06.28	Select clock for trip log time sampling	OFF	OFF	
06.29	Hardware enable	OFF	OFF	
06.30	Sequencing bit: Run forward	OFF	OFF	
06.31	Sequencing bit: Jog forward	OFF	OFF	
06.32	Sequencing bit: Run reverse	OFF	OFF	
06.33	Sequencing bit: Forward / reverse	OFF	OFF	
06.34	Sequencing bit: Run	OFF	OFF	
06.35	Forward limit switch	OFF	OFF	
06.36	Reverse limit switch	OFF	OFF	
06.37	Sequencing bit: Jog reverse	OFF	OFF	
06.39	Sequencing bit: Not stop	OFF	OFF	
06.40	Enable sequencer latching	OFF	OFF	
06.41	Drive event flags	0	0	
06.42	Control word	0	0	
06.43	Control word enable	OFF	OFF	
06.44	Active supply	OFF	OFF	
06.45	Force cooling fan to run at full speed	OFF	OFF	
06.46	Nominal low voltage battery supply	48	48	V
06.47	Disable mains/phase loss detection from input rectifier	OFF	OFF	
06.48	Mains loss ride through detection level	410	410	V
06.49	Disable multi-module drive module number storing on trip	OFF	OFF	
06.50	Drive comms state	drv	drv	
06.51	External rectifier not active	OFF	OFF	
07.00	Parameter 0	0	0	
07.01	T5/6 analog input 1 level	0,00	-0,02	%
07.02	T7 analog input 2 level	0,0	0,0	%
07.03	T8 analog input 3 level	0,0	0,0	%

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Parameter	Description	Default	Memory	Units
07.04	Power circuit temperature 1	0	25	C
07.05	Power circuit temperature 2	0	34	C
07.06	Control board temperature	0	30	C
07.07	T5/6 analog input 1 offset trim	0,000	0,000	%
07.08	T5/6 analog input 1 scaling	1,000	1,000	
07.09	T5/6 analog input 1 invert	OFF	OFF	
07.10	T5/6 analog input 1 destination	1,36	1,36	menu.param
07.11	T7 analog input 2 mode	Volt	Volt	
07.12	T7 analog input 2 scaling	1,000	1,000	
07.13	T7 analog input 2 invert	OFF	OFF	
07.14	T7 analog input 2 destination	1,37	1,37	menu.param
07.15	T8 analog input 3 mode	th	Volt	
07.16	T8 analog input 3 scaling	1,000	1,000	
07.17	T8 analog input 3 invert	OFF	OFF	
07.18	T8 analog input 3 destination	0,00	0,00	
07.19	T9 analog output 1 source	3,02	3,02	
07.20	T9 analog output 1 scaling	1,000	1,000	
07.21	T9 analog output 1 mode	VOLT	VOLT	
07.22	T10 analog output 2 source	4,02	4,02	
07.23	T10 analog output 2 scaling	1,000	1,000	
07.24	T10 analog output 2 mode	VOLT	VOLT	
07.25	Calibrate T5/6 analog input 1 full scale	OFF	OFF	
07.26	T5/6 analog input 1 sample time	4,0	4,0	ms
07.28	T7 analog input 2 current loop loss	OFF	OFF	
07.29	T8 analog input 3 current loop loss	OFF	OFF	
07.30	T5/6 analog input 1 offset	0,00	-0,16	%
07.31	T7 analog input 2 offset	0,0	0,0	%
07.32	T8 analog input 3 offset	0,0	0,0	%
07.33	T9 analog output 1 control	Adv	Adv	
07.34	IGBT junction temperature	0	41	C
07.35	Drive thermal protection accumulator	0,0	0,0	%
07.36	Power circuit temperature 3	0	25	C
08.00	Parameter 0	0	0	
08.01	T24 digital I/O 1 state	OFF	ON	
08.02	T25 digital I/O 2 state	OFF	OFF	
08.03	T26 digital I/O 3 state	OFF	OFF	
08.04	T27 digital input 4 state	OFF	OFF	
08.05	T28 digital input 5 state	OFF	OFF	
08.06	T29 digital input 6 state	OFF	OFF	
08.07	Relay state	OFF	OFF	
08.08	T22 24V output state	OFF	ON	
08.09	Drive enable indicator	OFF	OFF	
08.10	Drive enable mode select	OFF	OFF	
08.11	T24 digital I/O 1 invert	OFF	OFF	
08.12	T25 digital I/O 2 invert	OFF	OFF	
08.13	T26 digital I/O 3 invert	OFF	OFF	
08.14	T27 digital input 4 invert	OFF	OFF	
08.15	T28 digital input 5 invert	OFF	OFF	
08.16	T29 digital input 6 invert	OFF	OFF	
08.17	Relay source invert	OFF	OFF	
08.18	T22 24V output source invert	ON	ON	
08.20	Digital I/O read word	0	129	
08.21	T24 digital I/O 1 source/destination	10,03	10,03	menu.param
08.22	T25 digital I/O 2 source/destination	10,33	10,01	menu.param
08.23	T26 digital I/O 3 source/destination	6,30	6,30	menu.param
08.24	T27 digital input 4 destination	6,32	6,32	menu.param
08.25	T28 digital input 5 destination	1,41	1,41	menu.param
08.26	T29 digital input 6 destination	6,31	6,31	menu.param
08.27	Relay source	10,01	12,40	menu.param
08.28	T22 24V output source	0,00	0,00	menu.param

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Parameter	Description	Default	Memory	Units
08.29	Positive logic select	ON	ON	
08.30	Open collector output	OFF	OFF	
08.31	T24 digital I/O 1 output select	ON	ON	
08.32	T25 digital I/O 2 output select	OFF	ON	
08.33	T26 digital I/O 3 output select	OFF	OFF	
08.39	T28 & T29 digital input auto-selection disable	OFF	OFF	
08.40	Freeze flag	OFF	OFF	
09.00	Parameter 0	0	0	
09.01	Logic function 1 output	OFF	OFF	
09.02	Logic function 2 output	OFF	OFF	
09.03	Motorised pot output	0,00	0,00	%
09.04	Logic function 1 source 1	0,00	0,00	menu.param
09.05	Logic function 1 source 1 invert	OFF	OFF	
09.06	Logic function 1 source 2	0,00	0,00	menu.param
09.07	Logic function 1 source 2 invert	OFF	OFF	
09.08	Logic function 1 output invert	OFF	OFF	
09.09	Logic function 1 delay	0,0	0,0	s
09.10	Logic function 1 destination	0,00	0,00	menu.param
09.14	Logic function 2 source 1	0,00	0,00	menu.param
09.15	Logic function 2 source 1 invert	OFF	OFF	
09.16	Logic function 2 source 2	0,00	0,00	menu.param
09.17	Logic function 2 source 2 invert	OFF	OFF	
09.18	Logic function 2 output invert	OFF	OFF	
09.19	Logic function 2 delay	0,0	0,0	s
09.20	Logic function 2 destination	0,00	0,00	menu.param
09.21	Motorised pot mode	2	2	
09.22	Motorised pot bipolar select	OFF	OFF	
09.23	Motorised pot rate	20	20	s
09.24	Motorised pot scale factor	1,000	1,000	
09.25	Motorised pot destination	0,00	0,00	menu.param
09.26	Motorised pot up	OFF	OFF	
09.27	Motorised pot down	OFF	OFF	
09.28	Motorised pot reset	OFF	OFF	
09.29	Binary sum ones input	OFF	OFF	
09.30	Binary sum twos input	OFF	OFF	
09.31	Binary sum fours input	OFF	OFF	
09.32	Binary sum output	0	0	
09.33	Binary sum destination	0,00	0,00	menu.param
09.34	Binary sum offset	0	0	
10.00	Parameter 0	0	0	
10.01	Drive healthy	OFF	OFF	
10.02	Drive active	OFF	OFF	
10.03	Zero speed	OFF	ON	
10.04	Running at or below minimum speed	OFF	OFF	
10.05	Below set speed	OFF	OFF	
10.06	At speed	OFF	OFF	
10.07	Above set speed	OFF	OFF	
10.08	Load reached	OFF	OFF	
10.09	Drive output is at current limit	OFF	OFF	
10.10	Regenerating	OFF	OFF	
10.11	Braking IGBT active	OFF	OFF	
10.12	Braking resistor alarm	OFF	OFF	
10.13	Direction commanded	OFF	OFF	
10.14	Direction running	OFF	OFF	
10.15	Mains loss	OFF	OFF	
10.16	Under voltage active	OFF	OFF	
10.17	Overload alarm	OFF	OFF	
10.18	Drive over temperature alarm	OFF	OFF	
10.19	Drive warning	OFF	OFF	

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10.20	Trip 0	no trip	Enc2	
10.21	Trip 1	no trip	Enc2	
10.22	Trip 2	no trip	C.Prod	
10.23	Trip 3	no trip	Enc2	
10.24	Trip 4	no trip	Enc2	
10.25	Trip 5	no trip	UU	
10.26	Trip 6	no trip	UU	
10.27	Trip 7	no trip	UU	
10.28	Trip 8	no trip	UU	
10.29	Trip 9	no trip	UU	
10.30	Full power braking time	0,00	0,01	s
10.31	Full power braking period	0,0	1,7	s
10.32	External trip	OFF	OFF	
10.33	Drive reset	OFF	OFF	
10.34	No. of auto-reset attempts	0	0	
10.35	Auto reset delay	1,0	1,0	s
10.36	Hold drive healthy until last attempt	OFF	OFF	
10.37	Action on trip detection	0	8	
10.38	User trip	0	0	
10.39	Braking energy overload accumulator	0,0	0,0	%
10.40	Status word	0	4	
10.41	Trip 0 time: years.days	0,000	0,000	yy.ddd
10.42	Trip 0 time: hours.minutes	0,00	0,00	hh.mm
10.43	Trip 1 time	0,00	0,00	hh.mm
10.44	Trip 2 time	0,00	0,00	hh.mm
10.45	Trip 3 time	0,00	0,00	hh.mm
10.46	Trip 4 time	0,00	0,00	hh.mm
10.47	Trip 5 time	0,00	0,00	hh.mm
10.48	Trip 6 time	0,00	0,00	hh.mm
10.49	Trip 7 time	0,00	0,00	hh.mm
10.50	Trip 8 time	0,00	0,00	hh.mm
10.51	Trip 9 time	0,00	0,00	hh.mm
11.00	Parameter 0	0	0	
11.01	Parameter 0.11 set up	3,29	3,29	menu.param
11.02	Parameter 0.12 set up	4,01	4,01	menu.param
11.03	Parameter 0.13 set up	7,07	7,07	menu.param
11.04	Parameter 0.14 set up	4,11	4,11	menu.param
11.05	Parameter 0.15 set up	2,04	2,04	menu.param
11.06	Parameter 0.16 set up	2,02	2,02	menu.param
11.07	Parameter 0.17 set up	4,12	4,12	menu.param
11.08	Parameter 0.18 set up	8,29	8,29	menu.param
11.09	Parameter 0.19 set up	7,11	7,11	menu.param
11.10	Parameter 0.20 set up	7,14	7,14	menu.param
11.11	Parameter 0.21 set up	7,15	7,15	menu.param
11.12	Parameter 0.22 set up	1,10	1,10	menu.param
11.13	Parameter 0.23 set up	1,05	1,05	menu.param
11.14	Parameter 0.24 set up	1,21	1,21	menu.param
11.15	Parameter 0.25 set up	1,22	1,22	menu.param
11.16	Parameter 0.26 set up	3,08	3,08	menu.param
11.17	Parameter 0.27 set up	3,34	3,34	menu.param
11.18	Parameter 0.28 set up	6,13	6,13	menu.param
11.19	Parameter 0.29 set up	11,36	11,36	menu.param
11.20	Parameter 0.30 set up	11,42	11,42	menu.param
11.21	Parameter scaling	1,000	1,000	
11.22	Parameter displayed at power-up	0,10	0,10	menu.param
11.23	Serial address	1	1	
11.24	Serial mode	rtu	rtu	
11.25	Baud rate	19200	19200	
11.26	Minimum comms transmit delay	2	2	ms
11.28	Drive derivative	0	0	

Parameter Listing

Project: leonardo_up_vecchio_1 : Rem
Drive Name: My Drive 2 (Digitax ST - Base)
Drive Mode: Closed loop servo
Drive Address: 1

Parameter	Description	Default	Memory	Units
11.29	Software version	1,01	1,01	
11.30	User security code	0	0	
11.31	User drive mode	SErVO	SErVO	
11.32	Drive Rated Current	4,00	4,00	A
11.33	Drive voltage rating	400	400	V
11.34	Software sub-version	0	0	
11.35	Number of modules	0	0	
11.36	SMARTCARD parameter data previously loaded	0	0	
11.37	SMARTCARD data number	0	0	
11.38	SMARTCARD data type / mode	FrEE	FrEE	
11.39	SMARTCARD data version	0	0	
11.40	SMARTCARD data checksum	0	0	
11.41	Status mode timeout	240	240	s
11.42	Parameter cloning	nonE	nonE	
11.43	Load defaults	nonE	nonE	
11.44	Security status	L1	L2	
11.45	Select motor 2 parameters	OFF	OFF	
11.46	Defaults previously loaded	1233	1233	
11.47	Drive Onboard Applications Lite ladder program enable	2	2	
11.48	Drive Onboard Applications Lite ladder program status	0	0	
11.49	Drive Onboard Applications Lite ladder programming events	0	0	
11.50	Onboard Applications Lite ladder program maximum scan time	0	0	ms
11.51	Drive Onboard PLC program first run	OFF	OFF	
12.00	Parameter 0	0	0	
12.01	Threshold detector 1 output	OFF	OFF	
12.02	Threshold detector 2 output	OFF	OFF	
12.03	Threshold detector 1 source	0,00	0,00	menu.param
12.04	Threshold detector 1 level	0,00	0,00	%
12.05	Threshold detector 1 hysteresis	0,00	0,00	%
12.06	Threshold detector 1 output invert	OFF	OFF	
12.07	Threshold detector 1 destination	0,00	0,00	menu.param
12.08	Variable selector 1 source 1	0,00	0,00	menu.param
12.09	Variable selector 1 source 2	0,00	0,00	menu.param
12.10	Variable selector 1 mode	0	0	
12.11	Variable selector 1 destination	0,00	0,00	menu.param
12.12	Variable selector 1 output	0,00	0,00	%
12.13	Variable selector 1 source 1 scaling	1,000	1,000	
12.14	Variable selector 1 source 2 scaling	1,000	1,000	
12.15	Variable selector 1 control	0,00	0,00	
12.23	Threshold detector 2 source	0,00	0,00	menu.param
12.24	Threshold detector 2 level	0,00	0,00	%
12.25	Threshold detector 2 hysteresis	0,00	0,00	%
12.26	Threshold detector 2 output invert	OFF	OFF	
12.27	Threshold detector 2 destination	0,00	0,00	menu.param
12.28	Variable selector 2 source 1	0,00	0,00	menu.param
12.29	Variable selector 2 source 2	0,00	0,00	menu.param
12.30	Variable selector 2 mode	0	0	
12.31	Variable selector 2 destination	0,00	0,00	menu.param
12.32	Variable selector 2 output	0,00	0,00	%
12.33	Variable selector 2 source 1 scaling	1,000	1,000	
12.34	Variable selector 2 source 2 scaling	1,000	1,000	
12.35	Variable selector 2 control	0,00	0,00	s
12.40	Brake release indicator	OFF	OFF	
12.41	Brake controller enable	dis	rEL	
12.43	Lower current threshold	10	10	%
12.45	Brake apply speed	5	5	RPM
12.46	Brake apply speed delay	1,0	1,0	s
12.47	Post brake release delay	1,0	1,0	s
12.48	Brake apply delay	1,0	1,0	s
12.49	Enable position controller during brake release	OFF	OFF	

Parameter Listing

Project: leonardo_up_vecchio_1 : Rem
 Drive Name: My Drive 2 (Digitax ST - Base)
 Drive Mode: Closed loop servo
 Drive Address: 1

Parameter	Description	Default	Memory	Units
13.00	Parameter 0	0	0	
13.01	Revolutions error	0	0	
13.02	Position error	0	0	
13.03	Fine position error	0	0	
13.04	Position controller reference source	drv	drv	
13.05	Position controller feedback source	drv	drv	
13.06	Position reference invert	OFF	OFF	
13.07	Ratio numerator	1,000	1,000	
13.08	Ratio denominator	1,000	1,000	
13.09	Position controller P gain	25,00	25,00	
13.10	Position controller mode	0	0	
13.11	Absolute mode enable	OFF	OFF	
13.12	Position controller speed clamp	150	150	
13.13	Orientation position reference	0	0	
13.14	Orientation acceptance window	256	256	
13.15	Orientation position complete	OFF	OFF	
13.16	Position error reset	OFF	OFF	
13.17	Relative jog reference	0,0	0,0	RPM
13.18	Relative jog enable	OFF	OFF	
13.19	Relative jog reverse	OFF	OFF	
13.20	Local reference turns	0	0	
13.21	Local reference position	0	0	
13.22	Local reference fine position	0	0	
13.23	Local reference disable	OFF	OFF	
13.24	Ignore local reference turns	OFF	OFF	
14.00	Parameter 0	0	0	
14.01	PID output	0,00	0,00	%
14.02	PID main reference source	0,00	0,00	menu.param
14.03	PID reference source	0,00	0,00	menu.param
14.04	PID feedback source	0,00	0,00	menu.param
14.05	PID reference source invert	OFF	OFF	
14.06	PID feedback source invert	OFF	OFF	
14.07	PID reference slew rate limit	0,0	0,0	s
14.08	PID enable	OFF	OFF	
14.09	PID optional enable source	0,00	0,00	menu.param
14.10	PID proportional gain	1,000	1,000	
14.11	PID integral gain	0,500	0,500	
14.12	PID derivative gain	0,000	0,000	
14.13	PID upper limit	100,00	100,00	%
14.14	PID lower limit	-100,00	-100,00	%
14.15	PID output scaling factor	1,000	1,000	
14.16	PID output destination	0,00	0,00	menu.param
14.17	PID hold integrator enable	OFF	OFF	
14.18	PID symmetrical limit enable	OFF	OFF	
14.19	PID main reference	0,00	0,00	%
14.20	PID reference	0,00	0,00	%
14.21	PID feedback	0,00	0,00	%
14.22	PID error	0,00	0,00	%
15.00	Parameter 0	0	0	
15.01	Solutions Module ID (slot empty)	0	0	
16.00	Parameter 0	0	0	
16.01	Solutions Module ID (slot empty)	0	0	
17.00	Parameter 0	0	0	
17.01		0	0	
18.00	Parameter 0	0	0	

Parameter Listing

Project: leonardo_up_vecchio_1 : Rem
 Drive Name: My Drive 2 (Digitax ST - Base)
 Drive Mode: Closed loop servo
 Drive Address: 1

Parameter	Description	Default	Memory	Units
18.01	Application menu 1 power-down saved integer	0	0	
18.02	Application menu 1 read-only integer	0	0	
18.03	Application menu 1 read-only integer	0	0	
18.04	Application menu 1 read-only integer	0	0	
18.05	Application menu 1 read-only integer	0	0	
18.06	Application menu 1 read-only integer	0	0	
18.07	Application menu 1 read-only integer	0	0	
18.08	Application menu 1 read-only integer	0	0	
18.09	Application menu 1 read-only integer	0	0	
18.10	Application menu 1 read-only integer	0	0	
18.11	Application menu 1 read-write integer	0	0	
18.12	Application menu 1 read-write integer	0	0	
18.13	Application menu 1 read-write integer	0	0	
18.14	Application menu 1 read-write integer	0	0	
18.15	Application menu 1 read-write integer	0	0	
18.16	Application menu 1 read-write integer	0	0	
18.17	Application menu 1 read-write integer	0	0	
18.18	Application menu 1 read-write integer	0	0	
18.19	Application menu 1 read-write integer	0	0	
18.20	Application menu 1 read-write integer	0	0	
18.21	Application menu 1 read-write integer	0	0	
18.22	Application menu 1 read-write integer	0	0	
18.23	Application menu 1 read-write integer	0	0	
18.24	Application menu 1 read-write integer	0	0	
18.25	Application menu 1 read-write integer	0	0	
18.26	Application menu 1 read-write integer	0	0	
18.27	Application menu 1 read-write integer	0	0	
18.28	Application menu 1 read-write integer	0	0	
18.29	Application menu 1 read-write integer	0	0	
18.30	Application menu 1 read-write integer	0	0	
18.31	Application menu 1 read-write bit	OFF	OFF	
18.32	Application menu 1 read-write bit	OFF	OFF	
18.33	Application menu 1 read-write bit	OFF	OFF	
18.34	Application menu 1 read-write bit	OFF	OFF	
18.35	Application menu 1 read-write bit	OFF	OFF	
18.36	Application menu 1 read-write bit	OFF	OFF	
18.37	Application menu 1 read-write bit	OFF	OFF	
18.38	Application menu 1 read-write bit	OFF	OFF	
18.39	Application menu 1 read-write bit	OFF	OFF	
18.40	Application menu 1 read-write bit	OFF	OFF	
18.41	Application menu 1 read-write bit	OFF	OFF	
18.42	Application menu 1 read-write bit	OFF	OFF	
18.43	Application menu 1 read-write bit	OFF	OFF	
18.44	Application menu 1 read-write bit	OFF	OFF	
18.45	Application menu 1 read-write bit	OFF	OFF	
18.46	Application menu 1 read-write bit	OFF	OFF	
18.47	Application menu 1 read-write bit	OFF	OFF	
18.48	Application menu 1 read-write bit	OFF	OFF	
18.49	Application menu 1 read-write bit	OFF	OFF	
18.50	Application menu 1 read-write bit	OFF	OFF	
19.00	Parameter 0	0	0	
19.01	Application menu 2 power-down saved integer	0	0	
19.02	Application menu 2 read-only integer	0	0	
19.03	Application menu 2 read-only integer	0	0	
19.04	Application menu 2 read-only integer	0	0	
19.05	Application menu 2 read-only integer	0	0	
19.06	Application menu 2 read-only integer	0	0	
19.07	Application menu 2 read-only integer	0	0	
19.08	Application menu 2 read-only integer	0	0	
19.09	Application menu 2 read-only integer	0	0	

Parameter Listing

Project: leonardo_up_vecchio_1 : Rem
Drive Name: My Drive 2 (Digitax ST - Base)
Drive Mode: Closed loop servo
Drive Address: 1

Parameter	Description	Default	Memory	Units
19.10	Application menu 2 read-only integer	0	0	
19.11	Application menu 2 read-write integer	0	0	
19.12	Application menu 2 read-write integer	0	0	
19.13	Application menu 2 read-write integer	0	0	
19.14	Application menu 2 read-write integer	0	0	
19.15	Application menu 2 read-write integer	0	0	
19.16	Application menu 2 read-write integer	0	0	
19.17	Application menu 2 read-write integer	0	0	
19.18	Application menu 2 read-write integer	0	0	
19.19	Application menu 2 read-write integer	0	0	
19.20	Application menu 2 read-write integer	0	0	
19.21	Application menu 2 read-write integer	0	0	
19.22	Application menu 2 read-write integer	0	0	
19.23	Application menu 2 read-write integer	0	0	
19.24	Application menu 2 read-write integer	0	0	
19.25	Application menu 2 read-write integer	0	0	
19.26	Application menu 2 read-write integer	0	0	
19.27	Application menu 2 read-write integer	0	0	
19.28	Application menu 2 read-write integer	0	0	
19.29	Application menu 2 read-write integer	0	0	
19.30	Application menu 2 read-write integer	0	0	
19.31	Application menu 2 read-write bit	OFF	OFF	
19.32	Application menu 2 read-write bit	OFF	OFF	
19.33	Application menu 2 read-write bit	OFF	OFF	
19.34	Application menu 2 read-write bit	OFF	OFF	
19.35	Application menu 2 read-write bit	OFF	OFF	
19.36	Application menu 2 read-write bit	OFF	OFF	
19.37	Application menu 2 read-write bit	OFF	OFF	
19.38	Application menu 2 read-write bit	OFF	OFF	
19.39	Application menu 2 read-write bit	OFF	OFF	
19.40	Application menu 2 read-write bit	OFF	OFF	
19.41	Application menu 2 read-write bit	OFF	OFF	
19.42	Application menu 2 read-write bit	OFF	OFF	
19.43	Application menu 2 read-write bit	OFF	OFF	
19.44	Application menu 2 read-write bit	OFF	OFF	
19.45	Application menu 2 read-write bit	OFF	OFF	
19.46	Application menu 2 read-write bit	OFF	OFF	
19.47	Application menu 2 read-write bit	OFF	OFF	
19.48	Application menu 2 read-write bit	OFF	OFF	
19.49	Application menu 2 read-write bit	OFF	OFF	
19.50	Application menu 2 read-write bit	OFF	OFF	
20.00	Parameter 0	0	0	
20.01	Application menu 3 read-write integer	0	0	
20.02	Application menu 3 read-write integer	0	0	
20.03	Application menu 3 read-write integer	0	0	
20.04	Application menu 3 read-write integer	0	0	
20.05	Application menu 3 read-write integer	0	0	
20.06	Application menu 3 read-write integer	0	0	
20.07	Application menu 3 read-write integer	0	0	
20.08	Application menu 3 read-write integer	0	0	
20.09	Application menu 3 read-write integer	0	0	
20.10	Application menu 3 read-write integer	0	0	
20.11	Application menu 3 read-write integer	0	0	
20.12	Application menu 3 read-write integer	0	0	
20.13	Application menu 3 read-write integer	0	0	
20.14	Application menu 3 read-write integer	0	0	
20.15	Application menu 3 read-write integer	0	0	
20.16	Application menu 3 read-write integer	0	0	
20.17	Application menu 3 read-write integer	0	0	
20.18	Application menu 3 read-write integer	0	0	

Parameter Listing

Project: leonardo_up_vecchio_1 : Rem
 Drive Name: My Drive 2 (Digitax ST - Base)
 Drive Mode: Closed loop servo
 Drive Address: 1

Parameter	Description	Default	Memory	Units
20.19	Application menu 3 read-write integer	0	0	
20.20	Application menu 3 read-write integer	0	0	
20.21	Application menu 3 read-write long integer	0	0	
20.22	Application menu 3 read-write long integer	0	0	
20.23	Application menu 3 read-write long integer	0	0	
20.24	Application menu 3 read-write long integer	0	0	
20.25	Application menu 3 read-write long integer	0	0	
20.26	Application menu 3 read-write long integer	0	0	
20.27	Application menu 3 read-write long integer	0	0	
20.28	Application menu 3 read-write long integer	0	0	
20.29	Application menu 3 read-write long integer	0	0	
20.30	Application menu 3 read-write long integer	0	0	
20.31	Application menu 3 read-write long integer	0	0	
20.32	Application menu 3 read-write long integer	0	0	
20.33	Application menu 3 read-write long integer	0	0	
20.34	Application menu 3 read-write long integer	0	0	
20.35	Application menu 3 read-write long integer	0	0	
20.36	Application menu 3 read-write long integer	0	0	
20.37	Application menu 3 read-write long integer	0	0	
20.38	Application menu 3 read-write long integer	0	0	
20.39	Application menu 3 read-write long integer	0	0	
20.40	Application menu 3 read-write long integer	0	0	
21.00	Parameter 0	0	0	
21.01	Maximum reference clamp	3000,0	3000,0	RPM
21.02	Minimum reference clamp	0,0	0,0	RPM
21.03	Reference selector	A1.A2	A1.A2	
21.04	Acceleration rate	0,200	0,200	s/1000 RPM
21.05	Deceleration rate	0,200	0,200	s/1000 RPM
21.07	Rated current	4,00	4,00	A
21.08	Rated load rpm	3000,00	3000,00	RPM
21.09	Rated voltage	400	400	V
21.11	Number of motor poles	6 pole	6 pole	
21.12	Stator resistance	0,000	0,000	x10 Ohm
21.14	Transient inductance (sLs)	0,000	0,000	mH
21.15	Motor 2 active	OFF	OFF	
21.16	Thermal time constant	20,0	20,0	
21.17	Speed controller Kp gain	0,0100	0,0100	1/rad
21.18	Speed controller Ki gain	1,00	1,00	1/rad
21.19	Speed controller Kd gain	0,00000	0,00000	
21.20	Encoder phase angle	0,0	0,0	
21.21	Speed feedback selector	drv	drv	
21.22	Current controller Kp gain	150	150	
21.23	Current controller Ki gain	2000	2000	
21.27	Motoring current limit	300,0	300,0	%
21.28	Regen current limit	300,0	300,0	%
21.29	Symmetrical current limit	300,0	300,0	%
21.30	Motor volts per 1,000 rpm, Ke	98	98	V
21.31	Motor pole pitch	0,00	0,00	mm
22.00	Parameter 0	0	0	
22.01	Menu 0.31 source parameter	11,33	11,33	menu.param
22.02	Menu 0.32 source parameter	11,32	11,32	menu.param
22.03	Menu 0.33 source parameter	0,00	0,00	menu.param
22.04	Menu 0.34 source parameter	11,30	11,30	menu.param
22.05	Menu 0.35 source parameter	11,24	11,24	menu.param
22.06	Menu 0.36 source parameter	11,25	11,25	menu.param
22.07	Menu 0.37 source parameter	11,23	11,23	menu.param
22.10	Menu 0.40 source parameter	5,12	5,12	menu.param
22.11	Menu 0.41 source parameter	5,18	5,18	menu.param
22.18	Menu 0.48 source parameter	11,31	11,31	menu.param

Parameter Listing

Project: leonardo_up_vecchio_1 : Rem
Drive Name: My Drive 2 (Digitax ST - Base)
Drive Mode: Closed loop servo
Drive Address: 1

Parameter	Description	Default	Memory	Units
22.20	Menu 0.50 source parameter	11,29	11,29	menu.param
22.21	Menu 0.51 source parameter	10,37	10,37	menu.param
22.22	Menu 0.52 source parameter	0,00	0,00	menu.param
22.23	Menu 0.53 source parameter	0,00	0,00	menu.param
22.24	Menu 0.54 source parameter	0,00	0,00	menu.param
22.25	Menu 0.55 source parameter	0,00	0,00	menu.param
22.26	Menu 0.56 source parameter	0,00	0,00	menu.param
22.27	Menu 0.57 source parameter	0,00	0,00	menu.param
22.28	Menu 0.58 source parameter	0,00	0,00	menu.param
22.29	Menu 0.59 source parameter	0,00	0,00	menu.param