

CTSoft Parameter Listing

Project: ASSE_Z_ATTUALE : Administrator

Drive Name: Drive 1 (Unidrive SP)

Drive Mode: Closed loop servo

Drive Address: 1

Menu 0: Basic Setup

Parameter	Description	Default	Memory	Units
00.01	Minimum reference clamp	0,0	0,0	RPM
00.02	Maximum reference clamp	3000,0	3000,0	RPM
00.03	Acceleration rate 1	0,200	0,200	s/1000 RPM
00.04	Deceleration rate 1	0,200	0,200	s/1000 RPM
00.05	Reference selector	A1.A2	Pr	
00.06	Symmetrical current limit	175,0	279,9	%
00.07	Speed controller proportional gain (Kp1)	0,0100	0,0300	1/rad s-1
00.08	Speed controller integral gain (Ki1)	1,00	1,50	1/rad
00.09	Speed controller differential feedback gain (Kd1)	0,00000	0,00000	s
00.10	Speed feedback	0,0	0,0	RPM
00.11	Drive encoder position	0	49783	
00.12	Current magnitude	0,00	0,00	A
00.13	T5/6 analog input 1 offset trim	0,000	0,000	%
00.14	Torque mode selector	Speed	Speed	
00.15	Ramp mode select	Std	FASt	
00.16	Ramp enable	On	Off	
00.17	Current demand filter1	0,0	1,0	ms
00.18	Positive logic select	On	On	
00.19	T7 analog input 2 mode	Volt	Volt	
00.20	T7 analog input 2 destination	1,37	1,37	menu.param
00.21	T8 analog input 3 mode	th	Volt	
00.22	Bipolar reference enable	Off	On	
00.23	Jog reference	0,0	0,0	RPM
00.24	Preset reference 1	0,0	0,0	RPM
00.25	Preset reference 2	0,0	0,0	RPM
00.26	Overspeed threshold	0	0	RPM
00.27	Drive encoder lines per revolution	4096	1024	
00.28	Enable forward / reverse key	Off	Off	
00.29	SMARTCARD parameter data previously loaded	0	0	
00.30	Parameter cloning	None	None	
00.31	Drive voltage rating	400	400	V
00.32	Maximum Heavy Duty current rating	0,00	9,50	A
00.34	User security code	0	0	
00.35	Serial mode	rtu	rtu	
00.36	Baud rate	19200	19200	
00.37	Serial address	1	1	
00.38	Current controller Kp gain	150	75	
00.39	Current controller Ki gain	2000	768	
00.40	Autotune	0	0	
00.41	Maximum switching frequency	6	6	kHz
00.42	Number of motor poles	6 pole	6 pole	
00.43	Encoder phase angle	0,0	1,2	°
00.44	Rated voltage	400	400	V
00.45	Thermal time constant	20,0	198,0	
00.46	Motor rated current	0,00	5,94	A
00.48	User drive mode	SERVO	SERVO	
00.49	Security status	L1	L2	
00.50	Software version	0,00	1,07	