

# ATV28\_2.28c

03/12/2004

Type of sort :All parameters

Code	Label	Value	Default value	Logic address
	Drive identification			
	Drive catalog number	ATV28*U18M2		
	Motor rating	0.75kW 1HP		552
	Input Voltage	200/240V		553
	Base frequency	50Hz	50Hz	40
	Continuous output current	4,8 A		555
	Rated continuous current	6,0 A		
	Option card	No option card		
	Adjustments			
ACC	Acceleration	3,0 s	3,0 s	252
dEC	Deceleration	3,0 s	3,0 s	253
AC2	Acceleration 2	5,0 s	5,0 s	260
dE2	Deceleration 2	5,0 s	5,0 s	261
LSP	Low Speed	0,0 Hz	0,0 Hz	251
HSP	High Speed	<u>60,0 Hz</u>	50,0 Hz	250
ItH	Motor Thermal Current	<u>4,2 A</u>	4,8 A	258
Ufr	IR Compensation	20 %	20 %	254
SLP	Slip Compensation	3,0 Hz	3,0 Hz	259
Flg	Gain	33 %	33 %	255
IdC	DC Injection Current	3,4 A	3,4 A	270
tdC	DC Injection time	0,5 s	0,5 s	271
JPF	Jump frequency	0,0 Hz	0,0 Hz	286
JOG	JOG Frequency	10,0 Hz	10,0 Hz	262
rPG	Proportional gain	1,00	1,00	279
rIG	Integral gain	1,00 /s	1,00 /s	280
FbS	Feedback Scale	1,0	1,0	281
SP2	Preset speed 2	10,0 Hz	10,0 Hz	264
SP3	Preset speed 3	15,0 Hz	15,0 Hz	265
SP4	Preset speed 4	20,0 Hz	20,0 Hz	266
SP5	Preset speed 5	25,0 Hz	25,0 Hz	267
SP6	Preset speed 6	30,0 Hz	30,0 Hz	268
SP7	Preset speed 7	35,0 Hz	35,0 Hz	269
tLS	Low Speed run time	CONT	CONT	272
Ftd	Frequency Detection	<u>10,0 Hz</u>	50,0 Hz	284
Ctd	Current Detection	7,2 A	7,2 A	282
ttd	Motor Thermal State Detection	100 %	100 %	283
PIC	Inversion of PI signal	No	No	287
rOt	Fwd-Rev selection	FOR	FOR	340
	Drive control			
UnS	Nominal Voltage	230 V	230 V	55
FrS	Nominal Frequency	50,0 Hz	50,0 Hz	53
tUn	Auto Tune	No	No	59
tFr	Maximum Output Frequency	60,0 Hz	60,0 Hz	52
UFt	Voltage-Frequency ratio	n	n	61
brA	Decel. Ramp Adaptation	Yes	Yes	64
FrT	Switch to Ramp 2 Frequency	0,0 Hz	0,0 Hz	65
SFr	Switching Frequency	4,0 kHz	4,0 kHz	51
nrd	Motor Noise Reduction	Yes	Yes	60
SdS	Scaling factor	30	30	41
	Command			
AOt	Analog output configuration	0 mA	0 mA	42
CrL	AI2 Min. Reference	<u>0,0 mA</u>	4,0 mA	4
CrH	AI2 Max. Reference	20,0 mA	20,0 mA	5
tCC	Terminal Strip Configuration	2W :2 wire cntrl	2W :2 wire cntrl	6
Add	Drive Address	1	1	10

Code	Label	Value	Default value	Logic address
bdr	Transmission Speed	19200 Bauds	19200 Bauds	16
	I/O Assignments			
LI1	LI1 Assignment	FW :Forward	FW :Forward	
LI2	LI2 Assignment	RV :Reverse	RV :Reverse	101
LI3	LI3 Assignment	PS2:2 preset SP	PS2:2 preset SP	102
LI4	LI4 Assignment	PS4:4 preset SP	PS4:4 preset SP	103
AI1	AI1 Assignment	FRH:Freq. Ref.	FRH:Freq. Ref.	
AI2	AI2 Assignment	SAI:Summed Ref.	SAI:Summed Ref.	107
r1	R1 Assignment	FLT:VarFault	FLT:VarFault	
r2	R2 Assignment	<u>TSA:MtrTherm Lvl</u>	SRA:FRH Attained	110
AO	AO Assignment	RFR:Motor Freq	RFR:Motor Freq	112
	Fault managment			
Atr	Automatic Restart	No	No	150
drn	Undervoltage mode	No	No	190
FLr	Catch on fly	No	No	155
IPL	Input Phase Loss	<u>Yes</u>	No	152
OPL	Output Phase Loss	Yes	Yes	151
StP	Controlled Stop on power loss	<u>Yes</u>	No	156