DRIVES WINDOW PARAMETERS & SIGNALS VIEW

Wed Apr 17 05:34:21 2002

TARGET: ACS600
FLUX VERSION: 4.F90
BASELIB VERSION: 1.232
APPLICATION NAME AND VERSION: ASAA5120 00-01-18 17:08:55:560

2002 - 04 - 15   MDF Gia Lai   02035U04 Chip Reclaimer Metering Screw
ACS60100253   Sn: 100460211

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ItemNo Name               Value               Unit    Minimum    Maximum
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1          ACTUAL SIGNALS
1.1        PROCESS SPEED    0.00                %       -100000     100000
1.2        SPEED            0.00                rpm     0.00        0.00
1.3        FREQUENCY        0.00                Hz      -500.00     500.00
1.4        CURRENT          0.00                A       -362.03     362.03
1.5        TORQUE           0.00                %       -1746.48    1746.48
1.6        POWER            0.00                %       -1000.00    1000.00
1.7        DC BUS VOLTAGE V  576.56             V       -3362.68    3362.68
1.8        MAINS VOLTAGE    379.93              V       0.00        10000.00
1.9        OUTPUT VOLTAGE   0.00                V       207.50      830.00
1.10       ACS600 TEMP      37.20               C       -1000.00    1000.00
1.11       EXTERNAL REF 1   475.01              rpm     0.00           18000
1.12       EXTERNAL REF 2   0.00                %       0.00        1000.00
1.13       CTRL LOCATION    EXT1                        1           4
1.14       OP HOUR COUNTER  537.11              h       0.00           61084
1.15       KILOWATT HOURS   38.64               kWh     0.00        3858996
1.16       APPL BLOCK OUTPUT 0.00               %       -100000     100000
1.17       DI6-1 STATUS     0                           0           -1
1.18       AI1 [V]          0.00                V       0.00        100.00
1.19       AI2 [mA]         0.00                mA      -100.00     100.00
1.20       AI3 [mA]         0.00                mA      -100.00     100.00
1.21       RO3-1 STATUS     0                           0           -1
1.22       AO1 [mA]         0.00                mA      0.00        22.00
1.23       AO2 [mA]         0.00                mA      0.00        22.00
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1.24	ACTUAL VALUE 1	0.00		%	0.00	18000
1.25	ACTUAL VALUE 2	0.00		%	0.00	18000
1.26	CONTROL DEVIATION	0.00		%	-18000	18000
1.27	APPLICATION MACRO	FACTORY			1	9
1.28	EXT AO1 [mA]	0.00		mA	0.00	22.00
1.29	EXT AO2 [mA]	0.00		mA	0.00	22.00
1.30	PP 1 TEMP	0.00		C	-1000.00	1000.00
1.31	PP 2 TEMP	0.00		C	-1000.00	1000.00
1.32	PP 3 TEMP	0.00		C	-1000.00	1000.00
1.33	PP 4 TEMP	0.00		C	-1000.00	1000.00
2	ACTUAL SIGNALS					
2.1	SPEED REF 2	0.00		rpm	0.04	1465.03
2.2	SPEED REF 3	0.00		rpm	0.04	1465.03
2.9	TORQUE REF 2	0.00		%	-1746.48	1746.48
2.10	TORQUE REF 3	0.00		%	-1746.48	1746.48
2.13	TORQ USED REF	0.00		%	-1309.86	1309.86
2.17	SPEED ESTIMATED	0.00		rpm	0.00	0.00
2.18	SPEED MEASURED	0.00		rpm	-15000	15000
3	ACTUAL SIGNALS					
3.1	MAIN CTRL WORD	0X00000476				
3.2	MAIN STATUS WORD	0X00001231				
3.3	AUX STATUS WORD	0X00001880				
3.4	LIMIT WORD 1	0X00000000				
3.5	FAULT WORD 1	0X00000000				
3.6	FAULT WORD 2	0X00000000				
3.7	SYSTEM FAULT	0X00000000				
3.8	ALARM WORD 1	0X00000000				
3.9	ALARM WORD 2	0X00000000				
3.11	FOLLOWER MCW	0X00000000				
3.12	INT FAULT INFO	0X00000000				
10	START/STOP/DIR					
10.1	EXT1 STRT/STP/DIR	COMM. MODULE			1	10
10.2	EXT2 STRT/STP/DIR	COMM. MODULE			1	10
10.3	DIRECTION	REQUEST			1	3
11	REFERENCE SELECT					
11.1	KEYPAD REF SEL	REF1 (rpm)			1	2
11.2	EXT1/EXT2 SELECT	COMM. MODULE			1	9
11.3	EXT REF1 SELECT	COMM. REF			1	22

11.4	EXT REF1 MINIMUM	0.04		rpm	0.00	18000
11.5	EXT REF1 MAXIMUM	950.03		rpm	0.00	18000
11.6	EXT REF2 SELECT	COMM. REF			1	22
11.7	EXT REF2 MINIMUM	0.00		%	0.00	100.00
11.8	EXT REF2 MAXIMUM	100.00		%	0.00	500.00
12	CONSTANT SPEEDS					
12.1	CONST SPEED SEL	NOT SEL			1	14
12.2	CONST SPEED 1	300.04		rpm	0.00	18000
12.3	CONST SPEED 2	600.04		rpm	0.00	18000
12.4	CONST SPEED 3	900.04		rpm	0.00	18000
12.5	CONST SPEED 4	300.04		rpm	0.00	18000
12.6	CONST SPEED 5	0.04		rpm	0.00	18000
12.7	CONST SPEED 6	0.04		rpm	0.00	18000
12.8	CONST SPEED 7	0.04		rpm	0.00	18000
12.9	CONST SPEED 8	0.04		rpm	0.00	18000
12.10	CONST SPEED 9	0.04		rpm	0.00	18000
12.11	CONST SPEED 10	0.04		rpm	0.00	18000
12.12	CONST SPEED 11	0.04		rpm	0.00	18000
12.13	CONST SPEED 12	0.04		rpm	0.00	18000
12.14	CONST SPEED 13	0.04		rpm	0.00	18000
12.15	CONST SPEED 14	0.04		rpm	0.00	18000
12.16	CONST SPEED 15	0.04		rpm	-18000	18000
13	ANALOGUE INPUTS					
13.1	MINIMUM AI1	0 V			1	4
13.2	MAXIMUM AI1	10 V			1	3
13.3	SCALE AI1	100.00		%	0.00	100.00
13.4	FILTER AI1	0.10		s	0.00	10.00
13.5	INVERT AI1	NO				
13.6	MINIMUM AI2	0 mA			1	4
13.7	MAXIMUM AI2	20 mA			1	3
13.8	SCALE AI2	100.00		%	0.00	100.00
13.9	FILTER AI2	0.10		s	0.00	10.00
13.10	INVERT AI2	NO				
13.11	MINIMUM AI3	0 mA			1	4
13.12	MAXIMUM AI3	20 mA			1	3
13.13	SCALE AI3	100.00		%	0.00	100.00
13.14	FILTER AI3	0.10		s	0.00	10.00
13.15	INVERT AI3	NO				
14	RELAY OUTPUTS					

14.1	RELAY RO1 OUTPUT	COMM. MODULE		1	33
14.2	RELAY RO2 OUTPUT	COMM. MODULE		1	33
14.3	RELAY RO3 OUTPUT	COMM. MODULE		1	33
15	ANALOGUE OUTPUTS				
15.1	ANALOGUE OUTPUT1	COMM. MODULE		1	15
15.2	INVERT AO1	NO			
15.3	MINIMUM AO1	0 mA		1	2
15.4	FILTER AO1	0.10	s	0.00	10.00
15.5	SCALE AO1	100.00	%	10.00	1000.00
15.6	ANALOGUE OUTPUT2	COMM. MODULE		1	15
15.7	INVERT AO2	NO			
15.8	MINIMUM AO2	0 mA		1	2
15.9	FILTER AO2	2.00	s	0.00	10.00
15.10	SCALE AO2	100.00	%	10.00	1000.00
16	SYSTEM CTR INPUTS				
16.1	RUN ENABLE	YES		1	8
16.2	PARAMETER LOCK	OPEN			
16.3	PASS CODE	*		0	30000
16.4	FAULT RESET SEL	COMM. MODULE		1	9
16.5	USER MACRO IO CHG	NOT SEL		1	7
16.6	LOCAL LOCK	OFF			
16.7	PARAMETER SAVE	DONE		0	1
20	LIMITS				
20.1	MINIMUM SPEED	0.04	rpm	-9000.00	1465.03
20.2	MAXIMUM SPEED	1465.03	rpm	0.04	9000.00
20.3	MAXIMUM CURRENT	200.00	%Ihd	0.00	200.00
20.4	MAXIMUM TORQUE	300.00	%	0.00	300.00
20.5	OVERVOLTAGE CTRL	YES			
20.6	UNDERVOLTAGE CTRL	YES			
20.9	MIN TORQ SELECTOR	-MAXTORQ			
20.10	SET MINTORQ	-300.00	%	-300.00	0.00
21	START/STOP				
21.1	START FUNCTION	AUTO		1	3
21.2	CONST MAGN TIME	300.00	ms	30.00	10000.00
21.3	STOP FUNCTION	COAST		1	2
21.4	DC HOLD	NO			
21.5	DC HOLD SPEED	5.00	rpm	0.00	3000.00
21.6	DC HOLD CURR	30.00	%	0.00	99.99

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22        ACCEL/DECEL
22.1      ACC/DEC 1/2 SEL    ACC/DEC 1                         1         8
22.2      ACCEL TIME 1       3.00                    s         0.00      1800.00
22.3      DECEL TIME 1       3.00                    s         0.00      1800.00
22.4      ACCEL TIME 2       60.00                   s         0.00      1800.00
22.5      DECEL TIME 2       60.00                   s         0.00      1800.00
22.6      ACC/DEC RAMP SHPE  0.00                    s         0.00      1000.00
22.7      EM STOP RAMP TIME  3.00                    s         0.00      1999.98

23        SPEED CTRL
23.1      GAIN               10.31                             0.00      200.00
23.2      INTEGRATION TIME   0.24                    s         0.01      1000.00
23.3      DERIVATION TIME    0.00                    ms        0.00      9999.99
23.4      ACC COMPENSATION   0.08                    s         0.00      1000.00
23.5      SLIP GAIN          100.00                  %         0.00      400.00
23.6      AUTOTUNE RUN       NO

25        CRITICAL SPEEDS
25.1      CRIT SPEED SELECT  OFF
25.2      CRIT SPEED 1 LOW   0.00                    rpm       0.00      18000
25.3      CRIT SPEED 1 HIGH  0.00                    rpm       0.00      18000
25.4      CRIT SPEED 2 LOW   0.00                    rpm       0.00      18000
25.5      CRIT SPEED 2 HIGH  0.00                    rpm       0.00      18000
25.6      CRIT SPEED 3 LOW   0.00                    rpm       0.00      18000
25.7      CRIT SPEED 3 HIGH  0.00                    rpm       0.00      18000

26        MOTOR CONTROL
26.1      FLUX OPTIMIZATION  NO
26.2      FLUX BRAKING       YES

30        FAULT FUNCTIONS
30.1      AI<MIN FUNCTION    FAULT                             1         4
30.2      PANEL LOSS         FAULT                             1         3
30.3      EXTERNAL FAULT     NOT SEL                           1         7
30.4      MOTOR THERM PROT   FAULT                             1         3
30.5      MOT THERM P MODE   DTC                               1         3
30.6      MOTOR THERM TIME   1745.61                 s         256.00    9999.90
30.7      MOTOR LOAD CURVE   100.00                  %         50.00     150.00
30.8      ZERO SPEED LOAD    74.00                   %         25.00     150.00
30.9      BREAK POINT        45.00                   Hz        1.00      300.00
30.10     STALL FUNCTION     FAULT                             1         3
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30.11	STALL FREQ HI	20.00	Hz	0.50	50.00
30.12	STALL TIME	20.00	s	10.00	400.00
30.13	UNDERLOAD FUNC	NO		1	3
30.14	UNDERLOAD TIME	600.00	s	0.00	600.00
30.15	UNDERLOAD CURVE	1		1	5
30.16	MOTOR PHASE LOSS	FAULT			
30.17	EARTH FAULT	WARNING			
30.18	COMM FLT FUNC	FAULT		1	4
30.19	COMM FLT TIME-OUT	3.00	s	0.10	60.00
30.20	COMM FLT RO/AO	ZERO			
30.21	AUX DSET TIME-OUT	3.00	s	0.10	60.00
31	AUTOMATIC RESET				
31.1	NUMBER OF TRIALS	0		0	5
31.2	TRIAL TIME	30.00	s	1.00	180.00
31.3	DELAY TIME	0.00	s	0.00	3.00
31.4	OVERCURRENT	NO			
31.5	OVERVOLTAGE	NO			
31.6	UNDERVOLTAGE	NO			
31.7	AI SIGNAL<MIN	NO			
32	SUPERVISION				
32.1	SPEED1 FUNCTION	NO		1	4
32.2	SPEED1 LIMIT	1400.00	rpm	-18000	18000
32.3	SPEED2 FUNCTION	NO		1	4
32.4	SPEED2 LIMIT	0.00	rpm	-18000	18000
32.5	CURRENT FUNCTION	NO		1	3
32.6	CURRENT LIMIT	0.00	A	0.00	1000.00
32.7	TORQUE1 FUNCTION	NO		1	3
32.8	TORQUE1 LIMIT	0.00	%	-400.00	400.00
32.9	TORQUE2 FUNCTION	NO		1	3
32.10	TORQUE2 LIMIT	0.00	%	-400.00	400.00
32.11	REF1 FUNCTION	NO		1	3
32.12	REF1 LIMIT	1400.00	rpm	0.00	18000
32.13	REF2 FUNCTION	NO		1	3
32.14	REF2 LIMIT	0.00	%	0.00	500.00
32.15	ACT1 FUNCTION	NO		1	3
32.16	ACT1 LIMIT	0.00	%	0.00	200.00
32.17	ACT2 FUNCTION	NO		1	3
32.18	ACT2 LIMIT	0.00	%	0.00	200.00
33	INFORMATION				

33.1	SOFTWARE VERSION	AS6E5250			
33.2	APPL SW VERSION	ASAA5120			
33.3	TEST DATE	0X00171100			

34 PROCESS SPEED

34.1	SCALE	100.00		1.00	100000
34.2	UNIT	%		1	4

51 COMM MOD DATA

51.1	MODULE TYPE	NDNA-02 V2.1			
51.2	MAC ID	1		0	63
51.3	BAUD RATE	125 kBit/s		0	2
51.4	MODULE STATE	CONNECTED		0	7
51.5	PROFILE SELECTION	ABB DRIVES		0	1
51.6	POLL OUTPUT SELECT	MUL. DATASET		0	3
51.7	POLL/COS INPUT SEL	MUL. DATASET		0	3
51.8	COS DATA OUTPUT	MUL. DATASET		0	3
51.9	BIT STROBE OUTPUT	TRANSPARENT		0	2
51.10	DATASET INDEXES	FBA DSET 1		0	1
51.11	SPEED REF. SCALE	1		1	32767
51.12	SPEED ACT. SCALE	1		1	32767
51.13	ABB DRIVES STOP M.	COAST STOP		0	1
51.14	RAMP STOP LEVEL	0		0	20000
51.15	NO. OF DATASETS	2		1	20

52 STANDARD MODBUS

52.1	STATION NUMBER	1		1	247
52.2	BAUDRATE	9600		1	6
52.3	PARITY	ODD		1	4

70 DDCS CONTROL

70.1	CHANNEL 0 ADDR	1.00		1.00	125.00
70.2	CHANNEL 3 ADDR	1.00		1.00	254.00
70.3	CH1 BAUD RATE	2 Mbit/s		0	3

90 D SET REC ADDR

90.1	AUX DS REF3	0		0	8999
90.2	AUX DS REF4	0		0	8999
90.3	AUX DS REF5	0		0	8999
90.4	MAIN DS SOURCE	1		0	255
90.5	AUX DS SOURCE	3		0	255

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92      D SET TR ADDR
92.2    MAIN DS ACT1        102                                     0           9999
92.3    MAIN DS ACT2        104                                     0           9999
92.4    AUX DS ACT3         305                                     0           9999
92.5    AUX DS ACT4         308                                     0           9999
92.6    AUX DS ACT5         306                                     0           9999


98      OPTION MODULES
98.1    ENCODER MODULE      NO
98.2    COMM. MODULE        FIELDBUS                                1           5
98.3    DI/O EXT MODULE 1   NO
98.4    DI/O EXT MODULE 2   NO
98.5    DI/O EXT MODULE 3   NO
98.6    AI/O EXT MODULE     NO                                      1           5
98.7    COMM PROFILE        ABB DRIVES


99      START-UP DATA
99.1    LANGUAGE            ENGLISH                                 0           10
99.2    APPLICATION MACRO   FACTORY                                 1           9
99.3    APPLIC RESTORE      NO
99.4    MOTOR CTRL MODE     DTC
99.5    MOTOR NOM VOLTAGE   380.50          V       207.50          830.00
99.6    MOTOR NOM CURRENT   38.50           A       0.00            96.00
99.7    MOTOR NOM FREQ      50.00           Hz      8.00            300.00
99.8    MOTOR NOM SPEED     1464.96         rpm     1.00               18000
99.9    MOTOR NOM POWER     18.50           kW      0.00            9000.00
99.10   MOTOR ID RUN        NO                      1               3


End of parameter list.
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