

Parameters and Signals

ACS800 democase default parameters

File: ACS800_democase_default_parameters

Properties

Control Board Type	RMIO
Kind	ACS800
Name	ACS 800 DEMO
Product Family	ACS 800 DEMO
System software version	4.200

Application

Base library	FFFFF.002
Name	ASARF018
Version	11-06-14 12:34:48:546

Parameters and Signals

01: ACTUAL SIGNALS

Name	Value
01.01: PROCESS VARIABLE [%]	0.0
01.02: SPEED [rpm]	0.0
01.03: FREQUENCY [Hz]	0.00
01.04: CURRENT [A]	0.00
01.05: TORQUE [%]	0.00
01.06: POWER [%]	0.00
01.07: DC BUS VOLTAGE V [V]	652.1
01.08: MAINS VOLTAGE [V]	415.0
01.09: OUTPUT VOLTAGE [V]	0.0
01.10: ACS800 TEMP [%]	32.7
01.11: EXTERNAL REF 1 [rpm]	0.0
01.12: EXTERNAL REF 2 [%]	0.0
01.13: CTRL LOCATION	LOCAL
01.14: OP HOUR COUNTER [h]	9.57
01.15: KILOWATT HOURS [kWh]	0.0
01.16: APPL BLOCK OUTPUT [%]	0.0
01.17: DI6-1 STATUS	0000000b
01.18: AI1 [V]	-3.9
01.19: AI2 [mA]	15.6
01.20: AI3 [mA]	11.2
01.21: RO3-1 STATUS	0000101b
01.22: AO1 [mA]	0.0
01.23: AO2 [mA]	0.0
01.24: ACTUAL VALUE 1 [%]	0.0
01.25: ACTUAL VALUE 2 [%]	0.0

01.26: CONTROL DEVIATION [%]	0.0
01.27: APPLICATION MACRO	FACTORY
01.28: EXT AO1 [mA]	0.0
01.29: EXT AO2 [mA]	0.0
01.30: PP 1 TEMP [C]	30.9
01.31: PP 2 TEMP [C]	0.0
01.32: PP 3 TEMP [C]	0.0
01.33: PP 4 TEMP [C]	0.0
01.34: ACTUAL VALUE [%]	0.0
01.35: MOTOR 1 TEMP [C]	0.0
01.36: MOTOR 2 TEMP [C]	0.0
01.37: MOTOR TEMP EST [C]	30.0
01.38: AI5 [mA]	0.0
01.39: AI6 [mA]	0.0
01.40: DI7-12 STATUS	0000000b
01.41: EXT RO STATUS	0000001b
01.42: PROCESS SPEED REL [%]	0.0
01.43: MOTOR RUN TIME [h]	0.80
01.44: FAN ON-TIME [h]	2.67
01.45: CTRL BOARD TEMP [C]	40
01.46: SAVED KWH [kWh]	0.1
01.47: SAVED GWH [GWh]	0
01.48: SAVED AMOUNT [EUR]	0.0
01.49: SAVED AMOUNT M [MEU]	0
01.50: SAVED CO2 [kg]	0.0
01.51: SAVED CO2 KTON [kt]	0

02: ACTUAL SIGNALS

Name	Value
02.01: SPEED REF 2 [rpm]	0
02.02: SPEED REF 3 [rpm]	0
02.09: TORQUE REF 2 [%]	0.00
02.10: TORQUE REF 3 [%]	0.00
02.13: TORQ USED REF [%]	0.00
02.14: FLUX REF [%]	100
02.17: SPEED ESTIMATED [rpm]	0.0
02.18: SPEED MEASURED [rpm]	0.00
02.19: MOTOR ACCELERATIO [rpm/s]	0.0
02.20: USER CURRENT [%]	0.0

03: ACTUAL SIGNALS

Name	Value
03.01: MAIN CTRL WORD	477h
03.02: MAIN STATUS WORD	1033h
03.03: AUX STATUS WORD	1880h
03.04: LIMIT WORD 1	0h
03.05: FAULT WORD 1	0h
03.06: FAULT WORD 2	0h
03.07: SYSTEM FAULT	0h
03.08: ALARM WORD 1	0h
03.09: ALARM WORD 2	0h
03.11: FOLLOWER MCW	0h
03.13: AUX STATUS WORD 3	700h

03.14: AUX STATUS WORD 4	0h
03.15: FAULT WORD 4	0h
03.16: ALARM WORD 4	0h
03.17: FAULT WORD 5	0h
03.18: ALARM WORD 5	0h
03.19: INT INIT FAULT	0h
03.20: LATEST FAULT	5300h
03.21: 2.LATEST FAULT	0h
03.22: 3.LATEST FAULT	0h
03.23: 4.LATEST FAULT	0h
03.24: 5.LATEST FAULT	0h
03.25: LATEST WARNING	FF69h
03.26: 2.LATEST WARNING	FF33h
03.27: 3.LATEST WARNING	FF32h
03.28: 4.LATEST WARNING	0h
03.29: 5.LATEST WARNING	FF34h
03.30: LIMIT WORD INV	0h
03.31: ALARM WORD 6	0h
03.32: EXT IO STATUS	0h
03.33: FAULT WORD 6	0h

04: ACTUAL SIGNALS

Name	Value
04.01: FAULTED INT INFO	0h
04.02: INT SC INFO	0h

09: ACTUAL SIGNALS

Name	Value
09.01: AI1 SCALED	-7800
09.02: AI2 SCALED	15616
09.03: AI3 SCALED	11193
09.04: AI5 SCALED	0
09.05: AI6 SCALED	0
09.06: DS MCW	0h
09.07: MASTER REF1	0
09.08: MASTER REF2	0
09.09: AUX DS VAL1	0
09.10: AUX DS VAL2	0
09.11: AUX DS VAL3	0
09.12: LCU ACT SIGNAL1	0
09.13: LCU ACT SIGNAL2	0

10: START/STOP/DIR

Name	Value
10.01: EXT1 STRT/STP/DIR	DI1,2
10.02: EXT2 STRT/STP/DIR	NOT SEL
10.03: REF DIRECTION	FORWARD
10.04: EXT 1 STRT PTR	+000.000.00
10.05: EXT 2 STRT PTR	+000.000.00
10.06: JOG SPEED SELECT	NOT SEL
10.07: NET CONTROL	<Read-protected>
10.08: NET REFERENCE	<Read-protected>

10.09: SLS ACTIVE

NO

11: REFERENCE SELECT

Name	Value
11.01: KEYPAD REF SEL	REF1 (rpm)
11.02: EXT1/EXT2 SELECT	EXT1
11.03: EXT REF1 SELECT	AI1
11.04: EXT REF1 MINIMUM [rpm]	0
11.05: EXT REF1 MAXIMUM [rpm]	1500
11.06: EXT REF2 SELECT	KEYPAD
11.07: EXT REF2 MINIMUM [%]	0
11.08: EXT REF2 MAXIMUM [%]	100
11.09: EXT 1/2 SEL PTR	+0.000.000.00
11.10: EXT 1 REF PTR	+0.000.000.00
11.11: EXT 2 REF PTR	+0.000.000.00

12: CONSTANT SPEEDS

Name	Value
12.01: CONST SPEED SEL	DI5,6
12.02: CONST SPEED 1 [rpm]	300
12.03: CONST SPEED 2 [rpm]	600
12.04: CONST SPEED 3 [rpm]	900
12.05: CONST SPEED 4 [rpm]	300
12.06: CONST SPEED 5 [rpm]	0
12.07: CONST SPEED 6 [rpm]	0
12.08: CONST SPEED 7 [rpm]	0
12.09: CONST SPEED 8 [rpm]	0
12.10: CONST SPEED 9 [rpm]	0
12.11: CONST SPEED 10 [rpm]	0
12.12: CONST SPEED 11 [rpm]	0
12.13: CONST SPEED 12 [rpm]	0
12.14: CONST SPEED 13 [rpm]	0
12.15: CONST SPEED 14 [rpm]	0
12.16: CONST SPEED 15 [rpm]	0

13: ANALOGUE INPUTS

Name	Value
13.01: MINIMUM AI1	0 V
13.02: MAXIMUM AI1	10 V
13.03: SCALE AI1 [%]	100.0
13.04: FILTER AI1 [s]	0.10
13.05: INVERT AI1	NO
13.06: MINIMUM AI2	0 mA
13.07: MAXIMUM AI2	20 mA
13.08: SCALE AI2 [%]	100.0
13.09: FILTER AI2 [s]	0.10
13.10: INVERT AI2	NO
13.11: MINIMUM AI3	0 mA
13.12: MAXIMUM AI3	20 mA
13.13: SCALE AI3 [%]	100.0
13.14: FILTER AI3 [s]	0.10
13.15: INVERT AI3	NO

13.16: MINIMUM AI5	0 mA
13.17: MAXIMUM AI5	20 mA
13.18: SCALE AI5 [%]	100.0
13.19: FILTER AI5 [s]	0.10
13.20: INVERT AI5	NO
13.21: MINIMUM AI6	0 mA
13.22: MAXIMUM AI6	20 mA
13.23: SCALE AI6 [%]	100.0
13.24: FILTER AI6 [s]	0.10
13.25: INVERT AI6	NO

14: RELAY OUTPUTS

Name	Value
14.01: RELAY RO1 OUTPUT	READY
14.02: RELAY RO2 OUTPUT	RUNNING
14.03: RELAY RO3 OUTPUT	FAULT(-1)
14.04: RO1 TON DELAY [s]	0.0
14.05: RO1 TOFF DELAY [s]	0.0
14.06: RO2 TON DELAY [s]	0.0
14.07: RO2 TOFF DELAY [s]	0.0
14.08: RO3 TON DELAY [s]	0.0
14.09: RO3 TOFF DELAY [s]	0.0
14.10: DIO MOD1 RO1	READY
14.11: DIO MOD1 RO2	RUNNING
14.12: DIO MOD2 RO1	FAULT
14.13: DIO MOD2 RO2	WARNING
14.14: DIO MOD3 RO1	REF 2 SEL
14.15: DIO MOD3 RO2	AT SPEED
14.16: RO PTR1	+000.000.00
14.17: RO PTR2	+000.000.00
14.18: RO PTR3	+000.000.00
14.19: RO PTR4	+000.000.00
14.20: RO PTR5	+000.000.00
14.21: RO PTR6	+000.000.00
14.22: RO PTR7	+000.000.00
14.23: RO PTR8	+000.000.00
14.24: RO PTR9	+000.000.00

15: ANALOGUE OUTPUTS

Name	Value
15.01: ANALOGUE OUTPUT1	SPEED
15.02: INVERT AO1	NO
15.03: MINIMUM AO1	0 mA
15.04: FILTER AO1 [s]	0.10
15.05: SCALE AO1 [%]	100
15.06: ANALOGUE OUTPUT2	CURRENT
15.07: INVERT AO2	NO
15.08: MINIMUM AO2	0 mA
15.09: FILTER AO2 [s]	2.00
15.10: SCALE AO2 [%]	100
15.11: AO1 PTR	+000.000.00
15.12: AO2 PTR	+000.000.00

16: SYST CTRL INPUTS

Name	Value
16.01: RUN ENABLE	YES
16.02: PARAMETER LOCK	OPEN
16.03: PASS CODE	0
16.04: FAULT RESET SEL	NOT SEL
16.05: USER MACRO IO CHG	NOT SEL
16.06: LOCAL LOCK	OFF
16.07: PARAMETER SAVE	DONE
16.08: RUN ENA PTR	+0.000.000.00
16.09: CTRL BOARD SUPPLY	INTERNAL 24V
16.10: ASSISTANT SEL	ON
16.11: FAULT RESET PTR	+0.000.000.00
16.12: RESET COUNTER	NO

20: LIMITS

Name	Value
20.01: MINIMUM SPEED [rpm]	-1500
20.02: MAXIMUM SPEED [rpm]	1500
20.03: MAXIMUM CURRENT [A]	2.2
20.04: TORQ MAX LIM1 [%]	300.0
20.05: OVERVOLTAGE CTRL	ON
20.06: UNDERVOLTAGE CTRL	ON
20.07: MINIMUM FREQ [Hz]	<Read-protected>
20.08: MAXIMUM FREQ [Hz]	<Read-protected>
20.11: P MOTORING LIM [%]	300.0
20.12: P GENERATING LIM [%]	-300.0
20.13: MIN TORQ SEL	NEG MAX TORQ
20.14: MAX TORQ SEL	MAX LIM1
20.15: TORQ MIN LIM1 [%]	0.0
20.16: TORQ MIN LIM2 [%]	0.0
20.17: TORQ MAX LIM2 [%]	300.0
20.18: TORQ MIN PTR	+0.000.000.00
20.19: TORQ MAX PTR	+0.000.000.00
20.20: MIN AI SCALE [%]	0.0
20.21: MAX AI SCALE [%]	300.0
20.22: SLS SPEED LIMIT [rpm]	0

21: START/STOP

Name	Value
21.01: START FUNCTION	AUTO
21.02: CONST MAGN TIME [ms]	500.0
21.03: STOP FUNCTION	COAST
21.04: DC HOLD	NO
21.05: DC HOLD SPEED [rpm]	5
21.06: DC HOLD CURR [%]	30.0
21.07: RUN ENABLE FUNC	COAST STOP
21.08: SCALAR FLYSTART	<Read-protected>
21.09: START INTRL FUNC	OFF2 STOP
21.10: ZERO SPEED DELAY [s]	0.50

22: ACCEL/DECEL

Name	Value
22.01: ACC/DEC SEL	DI4
22.02: ACCEL TIME 1 [s]	20.00
22.03: DECEL TIME 1 [s]	20.00
22.04: ACCEL TIME 2 [s]	60.00
22.05: DECEL TIME 2 [s]	60.00
22.06: ACC/DEC RAMP SHPE [s]	0.00
22.07: EM STOP RAMP TIME [s]	3.00
22.08: ACC PTR	+0.000.000.00
22.09: DEC PTR	+0.000.000.00
22.10: SLS ACCELER TIME [s]	20.00
22.11: SLS DECELER TIME [s]	20.00

23: SPEED CTRL

Name	Value
23.01: GAIN	10.0
23.02: INTEGRATION TIME [s]	2.50
23.03: DERIVATION TIME [ms]	0.0
23.04: ACC COMPENSATION [s]	0.00
23.05: SLIP GAIN [%]	100.0
23.06: AUTOTUNE RUN	NO
23.07: SP ACT FILT TIME [ms]	8.0

25: CRITICAL SPEEDS

Name	Value
25.01: CRIT SPEED SELECT	OFF
25.02: CRIT SPEED 1 LOW [rpm]	0
25.03: CRIT SPEED 1 HIGH [rpm]	0
25.04: CRIT SPEED 2 LOW [rpm]	0
25.05: CRIT SPEED 2 HIGH [rpm]	0
25.06: CRIT SPEED 3 LOW [rpm]	0
25.07: CRIT SPEED 3 HIGH [rpm]	0

26: MOTOR CONTROL

Name	Value
26.01: FLUX OPTIMIZATION	NO
26.02: FLUX BRAKING	YES
26.03: IR-COMPENSATION [%]	<Read-protected>
26.04: IR STEP UP FREQ [Hz]	<Read-protected>
26.05: HEX FIELD WEAKEN	OFF
26.06: FLUX REF PTR	C. 10000
26.07: FLYSTART CUR REF [%]	50
26.08: FLYSTART INIT DLY	25
26.09: FS METHOD	OFF

27: BRAKE CHOPPER

Name	Value
27.01: BRAKE CHOPPER CTL	OFF
27.02: BR OVERLOAD FUNC	NO
27.03: BR RESISTANCE [Ohm]	100.00

27.04: BR THERM T CONST [s]	0.000
27.05: MAX CONT BR POWER [kW]	0.00
27.06: BC CTRL MODE	COMMON DC

30: FAULT FUNCTIONS

Name	Value
30.01: AI<MIN FUNCTION	FAULT
30.02: PANEL LOSS	FAULT
30.03: EXTERNAL FAULT	NOT SEL
30.04: MOTOR THERM PROT	NO
30.05: MOT THERM P MODE	DTC
30.06: MOTOR THERM TIME [s]	1258.9
30.07: MOTOR LOAD CURVE [%]	100.0
30.08: ZERO SPEED LOAD [%]	74.0
30.09: BREAK POINT [Hz]	45.0
30.10: STALL FUNCTION	FAULT
30.11: STALL FREQ HI [Hz]	20.0
30.12: STALL TIME [s]	20.00
30.13: UNDERLOAD FUNC	NO
30.14: UNDERLOAD TIME [s]	600
30.15: UNDERLOAD CURVE	1
30.16: MOTOR PHASE LOSS	NO
30.17: EARTH FAULT	FAULT
30.18: COMM FLT FUNC	FAULT
30.19: MAIN REF DS T-OUT [s]	3.00
30.20: COMM FLT RO/AO	ZERO
30.21: AUX DS T-OUT [s]	3.00
30.22: IO CONFIG FUNC	WARNING
30.23: LIMIT WARNING	0000000b

31: AUTOMATIC RESET

Name	Value
31.01: NUMBER OF TRIALS	0
31.02: TRIAL TIME [s]	30.0
31.03: DELAY TIME [s]	0.0
31.04: OVERCURRENT	NO
31.05: OVERVOLTAGE	NO
31.06: UNDERVOLTAGE	NO
31.07: AI SIGNAL<MIN	NO
31.08: LINE CONV	NO

32: SUPERVISION

Name	Value
32.01: SPEED1 FUNCTION	NO
32.02: SPEED1 LIMIT [rpm]	0
32.03: SPEED2 FUNCTION	NO
32.04: SPEED2 LIMIT [rpm]	0
32.05: CURRENT FUNCTION	NO
32.06: CURRENT LIMIT [A]	0
32.07: TORQUE1 FUNCTION	NO
32.08: TORQUE1 LIMIT [%]	0
32.09: TORQUE2 FUNCTION	NO

32.10: TORQUE2 LIMIT [%]	0
32.11: REF1 FUNCTION	NO
32.12: REF1 LIMIT [rpm]	0
32.13: REF2 FUNCTION	NO
32.14: REF2 LIMIT [%]	0
32.15: ACT1 FUNCTION	NO
32.16: ACT1 LIMIT [%]	0
32.17: ACT2 FUNCTION	NO
32.18: ACT2 LIMIT [%]	0

33: INFORMATION

Name	Value
33.01: SOFTWARE VERSION	AS7R7365
33.02: APPL SW VERSION	ASARF018
33.03: TEST DATE	0h
33.04: BOARD TYPE	RMIO - 0X

34: PROCESS VARIABLE

Name	Value
34.01: SCALE	100.00
34.02: P VAR UNIT	%
34.03: SELECT P VAR	142
34.04: MOTOR SP FILT TIM [ms]	500
34.05: TORQ ACT FILT TIM [ms]	100
34.06: RESET RUN TIME	NO

35: MOT TEMP MEAS

Name	Value
35.01: MOT1 TEMP AI1 SEL	NOT IN USE
35.02: MOT 1 TEMP ALM L [C]	110
35.03: MOT 1 TEMP FLT L [C]	130
35.04: MOT2 TEMP AI2 SEL	NOT IN USE
35.05: MOT 2 TEMP ALM L [C]	110
35.06: MOT 2 TEMP FLT L [C]	130
35.07: MOT MOD COMPENSAT	YES
35.08: MOT MOD COMP PTR	+0.000.000.00

40: PID CONTROL

Name	Value
40.01: PID GAIN	1.0
40.02: PID INTEG TIME [s]	60.00
40.03: PID DERIV TIME [s]	0.00
40.04: PID DERIV FILTER [s]	1.00
40.05: ERROR VALUE INV	NO
40.06: ACTUAL VALUE SEL	ACT1
40.07: ACTUAL1 INPUT SEL	AI2
40.08: ACTUAL2 INPUT SEL	AI2
40.09: ACT1 MINIMUM [%]	0
40.10: ACT1 MAXIMUM [%]	100
40.11: ACT2 MINIMUM [%]	0

40.12: ACT2 MAXIMUM [%]	100
40.13: PID INTEGRATION	ON
40.14: TRIM MODE	OFF
40.15: TRIM REF SEL	AI1
40.16: TRIM REFERENCE [%]	0.0
40.17: TRIM RANGE ADJUST [%]	100.0
40.18: TRIM SELECTION	SPEED TRIM
40.19: ACTUAL FILT TIME [s]	0.04
40.20: SLEEP SELECTION	<Read-protected>
40.21: SLEEP LEVEL [rpm]	<Read-protected>
40.22: SLEEP DELAY [s]	<Read-protected>
40.23: WAKE UP LEVEL [%]	<Read-protected>
40.24: WAKE UP DELAY [s]	<Read-protected>
40.25: ACTUAL1 PTR	+0.000.000.00
40.26: PID MINIMUM [%]	-100.0
40.27: PID MAXIMUM [%]	100.0
40.28: TRIM REF PTR	+0.000.000.00

42: BRAKE CONTROL

Name	Value
42.01: BRAKE CTRL	OFF
42.02: BRAKE ACKNOWLEDGE	OFF
42.03: BRAKE OPEN DELAY [s]	0.0
42.04: BRAKE CLOSE DELAY [s]	0.0
42.05: ABS BRAKE CLS SPD [RPM]	10
42.06: BRAKE FAULT FUNC	FAULT
42.07: STRT TORQ REF SEL	NO
42.08: START TORQ REF [%]	0.0
42.09: EXTEND RUN T [s]	0.0
42.10: LOW REF BRK HOLD [s]	0.0

45: ENERGY OPT

Name	Value
45.02: ENERGY TARIFF1 [c/E]	0.000
45.06: E TARIFF UNIT	EUR
45.08: PUMP REF POWER [%]	100.00
45.09: ENERGY RESET	DONE

52: STANDARD MODBUS

Name	Value
52.01: STATION NUMBER	1
52.02: BAUDRATE	9600
52.03: PARITY	ODD

60: MASTER/FOLLOWER

Name	Value
60.01: MASTER LINK MODE	NOT IN USE
60.02: TORQUE SELECTOR	<Read-protected>
60.03: WINDOW SEL ON	<Read-protected>
60.04: WINDOW WIDTH POS [rpm]	<Read-protected>

60.05: WINDOW WIDTH NEG [rpm]	<Read-protected>
60.06: DROOP RATE [%]	0.0
60.07: MASTER SIGNAL 2	202
60.08: MASTER SIGNAL 3	213

70: DDCS CONTROL

Name	Value
70.01: CHANNEL 0 ADDR	1
70.02: CHANNEL 3 ADDR	1
70.03: CH1 BAUD RATE	4 Mbit/s
70.04: CH0 DDCS HW CONN	RING
70.05: CH2 DDCS HW CONN	RING

72: USER LOAD CURVE

Name	Value
72.01: OVERLOAD FUNCTION	NO
72.02: LOAD CURRENT1 [%]	500.0
72.03: LOAD CURRENT2 [%]	500.0
72.04: LOAD CURRENT3 [%]	500.0
72.05: LOAD CURRENT4 [%]	500.0
72.06: LOAD CURRENT5 [%]	500.0
72.07: LOAD CURRENT6 [%]	500.0
72.08: LOAD CURRENT7 [%]	500.0
72.09: LOAD CURRENT8 [%]	500.0
72.10: LOAD FREQ1 [%]	0.0
72.11: LOAD FREQ2 [%]	20.0
72.12: LOAD FREQ3 [%]	40.0
72.13: LOAD FREQ4 [%]	60.0
72.14: LOAD FREQ5 [%]	80.0
72.15: LOAD FREQ6 [%]	100.0
72.16: LOAD FREQ7 [%]	130.0
72.17: LOAD FREQ8 [%]	150.0
72.18: LOAD CURRENT LIM [%]	500.0
72.19: LOAD THERMAL TIME [s]	1.0
72.20: LOAD COOLING TIME [s]	1

83: ADAPT PROG CTRL

Name	Value
83.01: ADAPT PROG CMD	EDIT
83.02: EDIT COMMAND	NO
83.03: EDIT BLOCK	0
83.04: TIMELEVEL SEL	100 ms
83.05: PASSCODE	0

84: ADAPTIVE PROGRAM

Name	Value
84.01: STATUS	8h
84.02: FAULTED PAR	+0.000.000.00
84.05: BLOCK1	NO
84.06: INPUT1	+0.000.000.00

84.07: INPUT2	+0.000.000.00
84.08: INPUT3	+0.000.000.00
84.09: OUTPUT	0
84.10: BLOCK2	NO
84.11: INPUT1	+0.000.000.00
84.12: INPUT2	+0.000.000.00
84.13: INPUT3	+0.000.000.00
84.14: OUTPUT	0
84.15: BLOCK3	NO
84.16: INPUT1	+0.000.000.00
84.17: INPUT2	+0.000.000.00
84.18: INPUT3	+0.000.000.00
84.19: OUTPUT	0
84.20: BLOCK4	NO
84.21: INPUT1	+0.000.000.00
84.22: INPUT2	+0.000.000.00
84.23: INPUT3	+0.000.000.00
84.24: OUTPUT	0
84.25: BLOCK5	NO
84.26: INPUT1	+0.000.000.00
84.27: INPUT2	+0.000.000.00
84.28: INPUT3	+0.000.000.00
84.29: OUTPUT	0
84.30: BLOCK6	NO
84.31: INPUT1	+0.000.000.00
84.32: INPUT2	+0.000.000.00
84.33: INPUT3	+0.000.000.00
84.34: OUTPUT	0
84.35: BLOCK7	NO
84.36: INPUT1	+0.000.000.00
84.37: INPUT2	+0.000.000.00
84.38: INPUT3	+0.000.000.00
84.39: OUTPUT	0
84.40: BLOCK8	NO
84.41: INPUT1	+0.000.000.00
84.42: INPUT2	+0.000.000.00
84.43: INPUT3	+0.000.000.00
84.44: OUTPUT	0
84.45: BLOCK9	NO
84.46: INPUT1	+0.000.000.00
84.47: INPUT2	+0.000.000.00
84.48: INPUT3	+0.000.000.00
84.49: OUTPUT	0
84.50: BLOCK10	NO
84.51: INPUT1	+0.000.000.00
84.52: INPUT2	+0.000.000.00
84.53: INPUT3	+0.000.000.00
84.54: OUTPUT	0
84.55: BLOCK11	NO
84.56: INPUT1	+0.000.000.00
84.57: INPUT2	+0.000.000.00
84.58: INPUT3	+0.000.000.00
84.59: OUTPUT	0
84.60: BLOCK12	NO
84.61: INPUT1	+0.000.000.00
84.62: INPUT2	+0.000.000.00

	+0.000.000.00
84.64: OUTPUT	0
84.65: BLOCK13	NO
84.66: INPUT1	+0.000.000.00
84.67: INPUT2	+0.000.000.00
84.68: INPUT3	+0.000.000.00
84.69: OUTPUT	0
84.70: BLOCK14	NO
84.71: INPUT1	+0.000.000.00
84.72: INPUT2	+0.000.000.00
84.73: INPUT3	+0.000.000.00
84.74: OUTPUT	0
84.75: BLOCK15	NO
84.76: INPUT1	+0.000.000.00
84.77: INPUT2	+0.000.000.00
84.78: INPUT3	+0.000.000.00
84.79: OUTPUT	0

85: USER CONSTANTS

Name	Value
85.01: CONSTANT1	0
85.02: CONSTANT2	0
85.03: CONSTANT3	0
85.04: CONSTANT4	0
85.05: CONSTANT5	0
85.06: CONSTANT6	0
85.07: CONSTANT7	0
85.08: CONSTANT8	0
85.09: CONSTANT9	0
85.10: CONSTANT10	0
85.11: STRING1	MESSAGE1
85.12: STRING2	MESSAGE2
85.13: STRING3	MESSAGE3
85.14: STRING4	MESSAGE4
85.15: STRING5	MESSAGE5

90: D SET REC ADDR

Name	Value
90.01: AUX DS REF3	0
90.02: AUX DS REF4	0
90.03: AUX DS REF5	0
90.04: MAIN DS SOURCE	1
90.05: AUX DS SOURCE	3

92: D SET TR ADDR

Name	Value
92.02: MAIN DS ACT1	102
92.03: MAIN DS ACT2	105
92.04: AUX DS ACT3	305
92.05: AUX DS ACT4	308
92.06: AUX DS ACT5	306
92.07: MSW B10 PTR	+0.003.014.09

92.08: MSW B13 PTR	+ .000.000.00
92.09: MSW B14 PTR	+ .000.000.00

95: HARDWARE SPECIF

Name	Value
95.01: FAN SPD CTRL MODE	CONTROLLED
95.02: FUSE SWITCH CTRL	OFF
95.03: INT CONFIG USER	1
95.04: EX/SIN REQUEST	NO
95.05: ENA INC SW FREQ	<Read-protected>
95.06: LCU Q PW REF	0
95.07: LCU DC REF	0
95.08: LCU PAR1 SEL	106
95.09: LCU PAR2 SEL	110
95.10: TEMP INV AMBIENT [C]	40.0
95.11: SUPPLY CTRL MODE	NONE
95.12: LCU RUN PTR	+ .000.000.00

98: OPTION MODULES

Name	Value
98.01: ENCODER MODULE	NO
98.02: COMM. MODULE LINK	NO
98.03: DI/O EXT MODULE 1	NO
98.04: DI/O EXT MODULE 2	NO
98.05: DI/O EXT MODULE 3	NO
98.06: AI/O EXT MODULE	NO
98.07: COMM PROFILE	ABB DRIVES
98.09: DI/O EXT1 DI FUNC	DI7,8,9
98.10: DI/O EXT2 DI FUNC	DI10,11,12
98.11: DI/O EXT3 DI FUNC	DI11,12
98.12: AI/O MOTOR TEMP	NO
98.13: AI/O EXT AI1 FUNC	UNIPOLAR AI5
98.14: AI/O EXT AI2 FUNC	UNIPOLAR AI6
98.16: SIN FILT SUPERV	<Read-protected>

99: START-UP DATA

Name	Value
99.01: LANGUAGE	ENGLISH
99.02: APPLICATION MACRO	FACTORY
99.03: APPLIC RESTORE	NO
99.04: MOTOR CTRL MODE	DTC
99.05: MOTOR NOM VOLTAGE [V]	220
99.06: MOTOR NOM CURRENT [A]	1.3
99.07: MOTOR NOM FREQ [Hz]	50.00
99.08: MOTOR NOM SPEED [rpm]	1380
99.09: MOTOR NOM POWER [kW]	0.2
99.10: MOTOR ID RUN MODE	ID MAGN
99.11: DEVICE NAME	