

ACH400 Serial Communications Setup

Program	Siemens Setup On NFLN-01	Siemens Setup On NBAA-01	JCI Setup on NBAA-01	Lonworks Setup	Modbus Setup
Line	Application 2708	Application 2708	ACH_400.DDL	On NLON-01	On RS-485
5001					
5002					
5003	60 s	60 s	60 s	60 s	60 s
5004					
5005	DDCS	DDCS	DDCS	DDCS	Std Modbus
5006	DDCS	DDCS	DDCS	DDCS	Std Modbus

5101	Module type, display only	Module type, display only	Module type, display only	Module type, displayed only	
5102	Drive ID #	(1) FLN	(2) N2	Location label displayed only	
5103	Baud rate: (2) 4800	Drive ID#	Drive ID#	Neuron chip ID display only	
5104	Comm. Profile: (0) ABB Drives	Baud rate: (2) 4800	Baud rate: (3) 9600	Module state info display only	
5105	Watchdog: (1) Reset	Comm profile: (0) ABB Drives	Comm profile: (0) ABB Drives		
5106	Good Mess counter (display)	Watchdog: (1) Reset	Watchdog: (1) Reset		
5107	Bad Mess counter (display)	Good Mess counter (display)	Good Mess counter (display)		
5108		Bad Mess counter (display)	Bad Mess counter (display)		

5201					Drive ID #
5202					Baud rate: 9600
5203					None
5206					Bad Message Counter
5207					Good Message Counter
5208					

- Note: 1. Commands for start/stop, speed command/setpoint, analog/relay output setup, etc. need to be handled according to your application.
 HVAC (S/S = 1001, speed command = 1103); PID (S/S = 1002, setpoint = 1106)
 Relay Output 1: set 1401 to "Suprv1 Over", 3201 to 131 (Serial Link Data 1), and 3203 to "1"
 Relay Output 2: set 1402 to "Suprv 2 Over", 3204 to 132 (Serial Link Data 2), and 3206 to "1"
 Analog Output: set 1501 to 133 (Serial Link Data 3) and 1503 to 255.
2. Drive will RAMP to stop when stopped serially, even if programmed for "Coast".
3. Serial "Run Enable" must be enabled along with drive "Run Enable" in order for drive to operate in auto (doesn't pertain to hand).