Address- List Modbus Field Bus Module

Automatikprodukter

List of registers in the FBM 21

AP

Note: When using the Modbus Poll Software, addressing should be set to "Protocol Addresses (Base0" under the "Display"menu.

Address	Bytes	Register and Description
0 to 3	Д	Serial Number, 4 byte value
1	1	EEPROM Hardware Version Number
5	1	
6	1	ADDRESS Modbus device adress
7	1	Product Model
8	1	Hardware Revision
g	1	PIC Version Number
5	I	
13	1	Calibration register - used to calibrate the outputs
15	1	Baudrate setting: 0 will set 9600bps, 1 will set 19200bps
16-99	1	Reserved
100	2	Output 1 Register
101	2	Output 2 Register
102	2	Output 3 Register
103	2	Output 4 Register
104	2	Output 5 Register
105	2	Output 6 Register
106	2	Output 7 Register
107	2	Output 8 Register
108	2	Output 9 Register
109	2	Output 10 Register
110	2	Output 11 Register
111	2	Output 12 Register
112	2	Output 13 Register
113 - 155	1	Reserved
116	2	Register 116, 117 and 118 hold the postion information on each of the hand-on-auto
		switches on the FBM modules.
117	2	Module registere are 16 bits wide so we can hold the status of 8 switches in register 116
117	2	the next 8 are held in register 117 and so on, up to number of switches on the particlar FBM
		module.
		The switch states are as follows:
118	2	00=off, the switch is in the center position
		10=auto, the swoitch is positioned towards the terminal block
		the terminal block).
110	2	INI1 low word
120	2	IN2 high word
120	2	IN2 Ingri word
121	2	N3 bigh word
122	2	IN3 low word
123	2	INS low word
124	2	
126	2	IN5 high word
127	2	IN5 low word
128	2	IN6 high word
129	2	IN6 low word
130	2	IN7 low word
131	2	N7 low word
132	2	IN8 high word
133	2	IN8 low word

Clearing Pulse Number Registers: Writing to their respective Year registers 134 for ch.1, 139 for ch2, 144 for ch3 ...) will clear the above pulse numbers.

134-138 139-143 144-148 149-153 154-158 159-163 164-168 169-173	5 5 5 5 5 5 5 5	Date stamp of Channel 1: Year, Month, Day, Hour, Minute respectively Date stamp of Channel 1: Year, Month, Day, Hour, Minute respectively Date stamp of Channel 1: Year, Month, Day, Hour, Minute respectively Date stamp of Channel 1: Year, Month, Day, Hour, Minute respectively Date stamp of Channel 1: Year, Month, Day, Hour, Minute respectively Date stamp of Channel 1: Year, Month, Day, Hour, Minute respectively Date stamp of Channel 1: Year, Month, Day, Hour, Minute respectively Date stamp of Channel 1: Year, Month, Day, Hour, Minute respectively Date stamp of Channel 1: Year, Month, Day, Hour, Minute respectively Date stamp of Channel 1: Year, Month, Day, Hour, Minute respectively
174	1	Assign each channel sampling type: 0 = Analogue 1 = Pulse. Channel 1 correspond to bit0 and ch2 correspond to bi1 and so on.
175-182	2	Analogue reading each channe, whatever the channel be set as analogue or pulse mode. 175 correspond to ch.1
183-190	1	Range for each input, 183 correspond to ch 1. 0 = Raw data, 1 = 10K Celsius, 2 = 10K Fahrenheit, 3 = 0 - 100%, 4 = ON/OFF, 5 = OFF/ON
191 192 193 194 195 196 197 198	1 1 1 1 1 1 1	Filter coefficient for input 1.0 through 100, default is 20 Filter coefficient for input 2,0 through 100, default is 20 Filter coefficient for input 3,0 through 100, default is 20 Filter coefficient for input 4,0 through 100, default is 20 Filter coefficient for input 5,0 through 100, default is 20 Filter coefficient for input 6,0 through 100, default is 20 Filter coefficient for input 7,0 through 100, default is 20 Filter coefficient for input 8,0 through 100, default is 20
199 200 201 202 203 204 205 206	1 1 1 1 1 1 1	Timer for input 1, how long time the lightingcontrol take over the outputs Timer for input 2, how long time the lightingcontrol take over the outputs Timer for input 3, how long time the lightingcontrol take over the outputs Timer for input 4, how long time the lightingcontrol take over the outputs Timer for input 5, how long time the lightingcontrol take over the outputs Timer for input 6, how long time the lightingcontrol take over the outputs Timer for input 7, how long time the lightingcontrol take over the outputs Timer for input 8, how long time the lightingcontrol take over the outputs
207 208 209 210 211 212 213 214	1 1 1 1 1 1 1	Input 1 timer Left, how much time left for lighting control Input 2 timer Left, how much time left for lighting control Input 3 timer Left, how much time left for lighting control Input 4 timer Left, how much time left for lighting control Input 5 timer Left, how much time left for lighting control Input 6 timer Left, how much time left for lighting control Input 7 timer Left, how much time left for lighting control Input 8 timer Left, how much time left for lighting control
215	1	Light control disable/enable, each bit correspond to one output, output 1 correspond to least significant but, 0 = disable, 1 = enable



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Nov.11

216 217 218 219 220 221	1 1 1 1 1	Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2 Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2 Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2 Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2 Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2 Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2 Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2 Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2
222	1	Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2
223	1	Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2
224	1	Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2
225	1	Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2
226	1	Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2
227	1	Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2
228	1	Select which input as lighting control trigger, 0 = disable lighting control, 1=input1, 2 = input 2