Model MACON_C2 V4

CONSTANT_Type_DEVICE = 110

address		04 (0x04) Read Input Register		
		Temperature/Analog output	**Size**	**Data type**
add 0		Temperature sensor 1	2	IEEE-754 floating point number 16bit HIGH
add 1		Temperature sensor 1	2	IEEE-754 floating point number 16bit LOW
add 2		Temperature sensor 2	2	IEEE-754 floating point number 16bit HIGH
add 3		Temperature sensor 2	2	IEEE-754 floating point number 16bit LOW
add 4		Temperature sensor 3	2	IEEE-754 floating point number 16bit HIGH
add 5		Temperature sensor 3	2	IEEE-754 floating point number 16bit LOW
add 6		Temperature sensor 4	2	IEEE-754 floating point number 16bit HIGH
add 7		Temperature sensor 4	2	IEEE-754 floating point number 16bit LOW
add 8		Temperature sensor 5	2	IEEE-754 floating point number 16bit HIGH
add 9		Temperature sensor 5	2	IEEE-754 floating point number 16bit LOW
add 10		Analog output 1	2	IEEE-754 floating point number 16bit HIGH
add 11		Analog output 1	2	IEEE-754 floating point number 16bit LOW

ERROR CODE = 0x84

EXCEPTION CODE = 0x01 wrong function code

EXCEPTION CODE = 0x02 wrong address

EXCEPTION CODE = 0x03 wrong quantity

EXCEPTION CODE = 0x04 wrong combination of address and quantity

bit		02 (0x02) Read Discrete Input		
		Coil	**Size**	**Data type**
		High unsigned byte		
bit 0	At2	ALARM FROST THERMAL 2	1	Bit
bit 1	At1	ALARM FROST THERMAL 1	1	Bit
bit 2	Ar5	ALARM SENSOR 5	1	Bit
bit 3	Ar4	ALARM SENSOR 4	1	Bit
bit 4	Ar3	ALARM SENSOR 3	1	Bit
bit 5	Ar2	ALARM SENSOR 2	1	Bit
bit 6	Ar1	ALARM SENSOR 1	1	Bit
bit 7	relay	Alarm relay - AL	1	Bit

bit 8	ON/OFF	ON/OFF system	1	Bit
bit 9	Heat/Cool	Heat/Cool mode	1	Bit
bit 10	HP1	ALARM HIGH PRESSURE C1	1	Bit
bit 11	LP1	ALARM LOW COMPRESSOR C1	1	Bit
bit 12	C1	ALARM COMPRESSOR C1	1	Bit
bit 13	GA1	GENERAL ALARM CIRCUIT 1	1	Bit
bit 14	FLS	ALARM FLOW SWITCH	1	Bit
bit 15	HP2	ALARM HIGH PRESSURE C2	1	Bit
bit16	LP2	ALARM LOW PRESSURE C2	1	Bit
bit17	C2	ALARM COMPRESSOR C2	1	Bit
bit18	GA2	GENERAL ALARM CIRCUIT 2	1	Bit
bit19		*[empty returns zero]*	1	Bit
bit20		*[empty returns zero]*	1	Bit
bit21		*[empty returns zero]*	1	Bit
bit22		*[empty returns zero]*	1	Bit
bit23	relay	Valve 1 relay – V1	1	Bit
bit24	relay	Fan 2 relay - F2	1	Bit
bit25	relay	Valve 2 relay - V2	1	Bit
bit26	relay	Resistance 1 relay - R1	1	Bit
bit27	relay	Compressor relay - C2	1	Bit
bit28	relay	Compressor relay - C1	1	Bit
bit29	relay	Fan 1 relay - F1	1	Bit
bit30	relay	Pump relay - PU	1	Bit
bit31	relay	Resistance relay 2 - R2	1	Bit
		Low unsigned byte		
bit32	programming parameters	Programming parameters: *bit is set when the user enters the parameter menu and bit is cleared when the function 0x03 is executed*	1	Bit
bit33		*[empty returns zero]*	1	Bit
bit34		*[empty returns zero]*	1	Bit
bit35		*[empty returns zero]*	1	Bit
bit36		*[empty returns zero]*	1	Bit
bit37		*[empty returns zero]*	1	Bit
bit38		*[empty returns zero]*	1	Bit

bit39	*[empty returns zero]*	1	Bit
	ERROR CODE = 0x82		
	EXCEPTION CODE = 0x01 wrong function code		
	EXCEPTION CODE = 0x02 wrong address		
	EXCEPTION CODE = 0x03 wrong quantity		
	EXCEPTION CODE = 0x04 wrong combination of address and quantity		
object id	**43 / 14 (0x2B / 0X0E) Read Device Identification**		
add 0	Vendor name (ASCII String)		
add 1	Product code (ASCII String)		
add 2	Revision of product (ASCII String)		
	ERROR CODE = 0xAB		
	EXCEPTION CODE = 0x01 wrong function code		
	EXCEPTION CODE = 0x02 wrong object ID		
	EXCEPTION CODE = 0x03 wrong read device ID		
	(0x00) CAMIN communication		