

	ADDRESS	VARIABLE STORED
Input Register	30001	Button Counter 1 MSB (2 bytes)
	30002	Button Counter 1 LSB (2 bytes)
	30003	Button Counter 2 MSB (2 bytes)
	30004	Button Counter 2 LSB (2 bytes)
	30005	Epoch MSB (2 bytes)
	30006	Epoch LSB (2 bytes)
Holding Register	40001	Device ID
	40002	Serial Baud Rate
	40003	Serial Data Bits
	40004	Serial Stop Bits
	40005	Button Debouncing Time
	40006	Button 1 counter MSB
	40007	Button 1 counter LSB
	40008	Button 2 counter MSB
	40009	Button 2 counter LSB
	40010	Epoch MSB
	40011	Epoch LSB
Coil	Bit 1	Relay Switch
	Bit 2	Relay Switch
Input Status	Bit 1	Button 1 Status
	Bit 2	Button 2 Status
MODBUS COMMANDS		
Get relay 1 status	{01}{01}{00}{00}{00}{01}{FD}{CA}	
Get relay 2 status	{01}{01}{00}{01}{00}{01}{AC}{0A}	
Set relay 1	{01}{05}{00}{00}{FF}{00}{8C}{3A}	
Set relay 2	{01}{05}{00}{01}{FF}{00}{DD}{FA}	
Clear relay 1	{01}{05}{00}{00}{00}{00}{CD}{CA}	
Clear relay 2	{01}{05}{00}{01}{00}{00}{9C}{0A}	
Get button 1 state	{01}{02}{00}{00}{00}{01}{B9}{CA}	
Get button 2 state	{01}{02}{00}{01}{00}{01}{E8}{0A}	

Get button states	{01}{02}{00}{00}{00}{02}{F9}{CB}	
Get input register	{01}{04}{00}{00}{00}{05}{70}{08}	
Get holding register	{01}{03}{00}{00}{00}{0B}{04}{0D}	
Set Default Parameters	{01}{07}{00}{00}{00}{00}{0A}{B4}	
Get Time Active	{01}{04}{00}{04}{00}{02}{0A}{30}	
Reset Controller	{01}{08}{00}{00}{00}{00}{CA}{E0}	
<b>MODBUS DEFAULT PARAMETERS</b>		
SLAVE_ADDRESS	1	
UART_BAUD_RATE	9600	
UART_DATA_BITS	8	
UART_STOP_BITS	1	
UART_PARITY	None	
DEBOUNCE_DURATION	100	
BUTTON_COUNTER_1	0	
BUTTON_COUNTER_2	0	