	ADDRESS	STOREVARIABLE	VARIABLE DETIAL
input register	30001	epoch (LSB)[int16_t]	read only(only reset when power failure)
	30002	epoch (MSB)[int16_t]	
	30003	Count of button1 (LSB)[int16_t]	Read only
	30004	Count of button1 (MSB)[int16_t]	
	30005	Count of button2 (LSB)[int16_t]	
	30006	Count of button2 (MSB)[int16_t]	
holding register	40001	Device Id (int)	
	40002	Serial configuration(int16_t)	SERIAL_8N1 = 0 SERIAL_8N2 = 32 SERIAL_9N1 = 8 SERIAL_9N2 = 40 SERIAL_8E1 = 10 SERIAL_8E2 = 42 SERIAL_8O1 = 11 SERIAL_8O2 = 43
	40003	Serial baudrate(int16_t)	4800 baud = 1 9600 baud = 2 19200 baud = 3 38400 baud = 4
	40004	network active timeperiod(int16_t)	when event occur it will turn on for network active timeperiod its in milli second
	40005	debouncing time(int16_t)	debouncing time for input button in milliseconds
	40006	reset the controller	normally its show '0' when write '1' it will reset the controller (after configuration save reset required)
	40007	internal RTC current time (LSB)[int16_t]	set MSB first then LSB
	40008	internal RTC current time (MSB)[int16_t]	
	40009	Count of button1 (LSB)[int16_t]	set MSB first then LSB
	40010	Count of button1 (MSB)[int16_t]	
	40011	Count of button2 (LSB)[int16_t]	set MSB first then LSB
	40012	Count of button2 (MSB)[int16_t]	
	400013	save configuration to internal flash	normally its show '0' when write '1' it will save all the setting above to internal flash
output coil	1	output relay switch	SET **1** TO TURN ON AND **0** TO TURN OFF
	2	output relay switch	SET **1** TO TURN ON AND **0** TO TURN OFF
input status	10001	input switch current status	1 = pressed 0 = not pressed
	10002	input switch current status	1 = pressed 0 = not pressed

	MODBUS COMMAND	Details
command to get relay_1 status	{01}{01}{00}{00}{00}{01}{FD}{CA}	request relay current status command
command to get relay_2 status	{01}{01}{00}{01}{00}{01}{AC}{0A}	
command to set relay_1	{01}{05}{00}{00}{FF}{00}{8C}{3A}	turn relay_1 on
command to clr relay_1	{01}{05}{00}{00}{00}{00}{CD}{CA}	turn relay_1 off
command to set relay_2	{01}{05}{00}{01}{FF}{00}{DD}{FA}	turn relay_2 on
command to clr relay_2	{01}{05}{00}{01}{00}{00}{9C}{0A}	turn relay_2 off
command to get button_1 state	{01}{02}{00}{00}{00}{01}{B9}{CA}	request button pressed or not pressed status
command to get button_2 state	{01}{02}{00}{01}{00}{01}{E8}{0A}	
command to get input register	{01}{04}{00}{00}{00}{06}{70}{08}	request stating 6 registers
command to get holding register	{01}{03}{00}{00}{00}{0D}{84}{0F}	request stating 13 registers

command to reset controller	{01}{06}{00}{05}{00}{01}{58}{0B}	to reset the device
command to save configuration	{01}{06}{00}{0C}{00}{01}{88}{09}	save current holding register to flash
command to save defaultconfiguration	{01}{06}{00}{0C}{00}{02}{C8}{08}	save default setting to holding register & flash