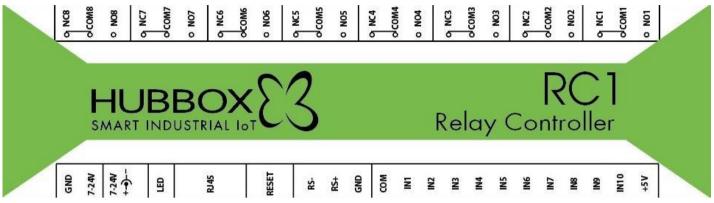
# HUBBOX RC1 Relay Controller (10IN/8OUT) MODBUS TCP - User Guide



# **First Setup**

1- Power Supply: DC 7~24V. DC socket or wiring terminal can be selected to input power. DC Connector Size(Outside Diameter x Inside Diameter): 5.5x2.1mm

2- Working Temperature Range: -40~85°C

3- 8 independent relay outputs. Maximum AC rating of 250V, and a maximum DC rating of 30V. Can work in two modes NO(normally open) and NC(normally closed) with shared COM input.

4- 10 channels of independent 5~24V DC input. In trigger mode inputs can trigger corresponding relays.

5- RC1 can remember the last state in case of power failure. Applies the last state when powered up.

6- Reset pin can be used for factory settings. Keep pressed for 10 seconds, release after green LED blinks. Default ip address is "192.168.24.251"

## **RC1 Configuration Manager Software**

ି S File H	lelp Up	date	Hubbox R	C1 Manage		- 0	×	
ниввох	IP 192.1	192.168.24.251 V PO			502 Disconnect		onnect	
INPUTS	0 1	0 0 2 3		1 5	0 6	0 7	0 0 8 9	0 10
	0	1	0	1	0	1	0	1
OUTPUTS	1	2	3	4	5	6	7	8
ALL on	on	on	on	on	on	on	on	on
ALL off	off	off	off	off	off	off	off	off

Download page: <a href="https://www.hubbox.io/en/download">https://www.hubbox.io/en/download</a>

IP

: The ip address of the RC1 device you connect to. (Default 192.168.24.251)

PORT : The modbus TCP port number. (Default 502)

**INPUTS** : 10 digital input statuses on RC1.

**OUTPUTS** : 8 relays on RC1. ON and OFF buttons control each relay.

# File / Device Configuration :

K3Hubbox RC1 SettingsX							
IP	192	168	24	251			
Subnet	255	255	255	0			
Gateway	192	168	24	254			
MAC	5			L			
Input Mode <ul> <li>normal</li> <li>trigger</li> </ul>							
Output Mode O remember last state  • reset							
HW version 1905							
SW version 2111							
SAVE CANCEL FACTORY RESET REBOOT							

- IP : Change the IP Address of the RC1 device. Default ip: 192.168.24.251
- Subnet
- : Change the Subnet mask
- Gateway : Change the Gateway address.
- MAC : Change the MAC address of RC1 device.

#### Input Mode

- 1) Normal : Default option, inputs does not affect output relays.
- 2) Trigger : Input is forwarded to output relay.

#### **Output Mode**

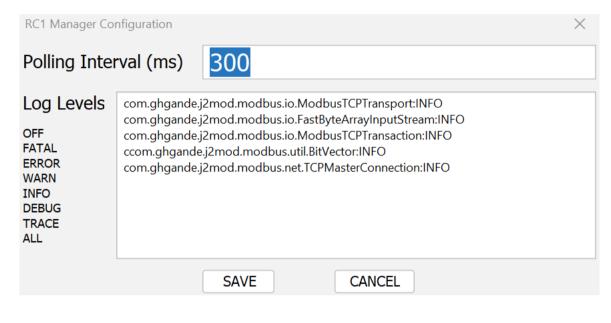
1) Remember Last State : In case of a power failure state of relays are stored. And restored when powered on.

2) Reset: In case of a power failure relays states resets to "off"

HW Version	: Hardware version
SW Version	: Software version
SAVE	: Save the changes.
CANCEL	: Cancel changes and close
FACTORY RESET	: Fabrika ayarlarına geri çevirir.
REBOOT	: Restarts the device.

# File / App Settings :

Polling Intervals (ms): Time to wait between requests from Manager Application to RC1Log Levels: Logging levels



Log

: Log records of Manager Application

Log	×
2022-06-18 11	:58:11 DEBUG com.ghgande.j2mod.modbus.io.FastB
2022-06-18 11	:58:11 DEBUG com.ghgande.j2mod.modbus.io.FastB
2022-06-18 11	:58:11 DEBUG com.ghgande.j2mod.modbus.io.Modl
2022-06-18 11	:58:11 DEBUG com.ghgande.j2mod.modbus.io.Modl
2022-06-18 11	:58:11 DEBUG com.ghgande.j2mod.modbus.util.BitV
2022-06-18 11	:58:11 DEBUG com.ghgande.j2mod.modbus.io.Modl
clear	global logger level $\square$ ALL $\checkmark$

## HUBBOX RC1 – "Update" Menu

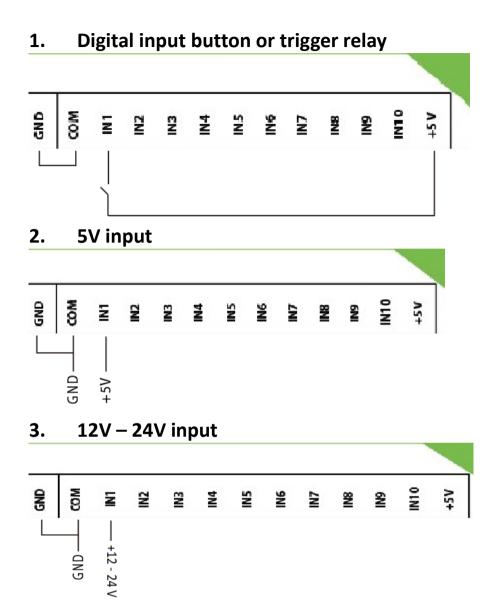
Auto Check Updates Update : If checked, the Manager Application checks software updates automatically.

: Manual check for a software update.

# **RC1 MODBUS TCP Table**

Read basic Discretion of the stand o				1		
In Reaching         Normany Control         Normany Contro         Normany Contro         Normany Contro </td <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td>					•	
In Rand Collight         Strake Billing Coll. Starting Markel Cole         Image Coll. Starting Markel Co	01 : Read Coils(0x)	05:Write Single Coil, 15 Write Multiple Coils	1	bool	Out 1	R/W
Inscredension         Norma Single Call 15 Wirk Margle Cole         Image Call 16 Wir	01 : Read Coils(0x)	05:Write Single Coil, 15 Write Multiple Coils	2	bool	Out 2	R/W
New Control         Norma Single Call. 15 Wire Multipe Cole         Norma         Out5         Out5         Norma         Norma           11         Read Colls(b)         02/Wire Single Call. 15 Wire Multipe Cole         1         Norma         Out5         Out5         Out5         Norma         Norma           11         Read Colls(b)         02/Wire Single Call. 15 Wire Multipe Cole         1         Norma         Out5         Out5         Norma         Norma         Norma           11         Read Colls(b)         02/Wire Single Call. 15 Wire Multipe Cole         1000         Norma         No	01 : Read Coils(0x)	05:Write Single Coil, 15 Write Multiple Coils	3	bool	Out 3	R/W
Inscredung         Inscred	01 : Read Coils(0x)	05:Write Single Coil, 15 Write Multiple Coils	4	bool	Out 4	R/W
Index Control     Mathe Singe Col 13 Wink Multipe Cole     Image     Mark     Mark     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     1000     Image     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     1000     Mark     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     1000     Mark     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     1000     Mark     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     1000     Mark     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     1000     Mark     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     1000     Mark     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     1000     Mark     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     1000     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     Mark     Mark     Mark       11. Read Colls(M)     Section 13 Wink Multipe Cole     Mark     Mark	01 : Read Coils(0x)	05:Write Single Coil, 15 Write Multiple Coils	5	bool	Out 5	R/W
New Control     New Swins Single Col. 15 wire Multiple Cole     New Cole     Order Single S	01 : Read Coils(0x)	05:Write Single Coil, 15 Write Multiple Coils	6	bool	Out 6	R/W
Interd Calipba         Interd	01 : Read Coils(0x)	05:Write Single Coil, 15 Write Multiple Coils	7	bool	Out 7	R/W
01 Read Colliquid)Incl fead Colliquid)Incl fead Colliquid)Incl fead Colliquid)Read Colliquid)	01 : Read Coils(0x)	05:Write Single Coil, 15 Write Multiple Coils	8	bool	Out 8	R/W
NameNa	01 · Deed Ceile/Ov)		10001	haal	· · ·	
NameNa			10001	1000		ĸ
ArrowArrowArrowArrow01 Read Call(dx)II	01 : Read Coils(0x)		10002	bool	Input 2	R
Instand CultophIndex for the part of the	01 : Read Coils(0x)		10003	bool	Input 3	R
Instruction         Index         Index         Index         Index         Index         Index         Index         Index         Index         R           01 Read Colls(0x)         Index         Index         Index         Index         Index         R         R           01 Read Colls(0x)         Index         Index         Index         Index         R         R           01 Read Colls(0x)         Index         Index         Index         R         R         R           01 Read Colls(0x)         Index         Index         Index         R         R         R           01 Read Colls(0x)         Index         Index         Index         R         R         R           01 Read Holding Register (0x)         Index         Index         R </td <td>01 : Read Coils(0x)</td> <td></td> <td>10004</td> <td>bool</td> <td>Input 4</td> <td>R</td>	01 : Read Coils(0x)		10004	bool	Input 4	R
Answer         Answer         Answer         Answer         Answer           01 Read Cols(0x)         Cancenee         10000         bool         Input 7         R           01 Read Cols(0x)         Cancenee         10000         bool         Input 9         R           01 Read Cols(0x)         Cancenee         10000         bool         Input 10         R           01 Read Cols(0x)         Cancenee         40001         Infut 6         Worsion         R           03 Read Holding Register (40         Cols/Weis Single Register, 10: Write Multiple Register         40002         Infut 6         Solwers version         RW           03 Read Holding Register (40         Od/Write Single Register, 10: Write Multiple Register         40002         Infut 6         Solwers Single Register, 10: Write Multiple Register         40002         Infut 6         IP2-CancingSeeting, 4.7 exect (first first fi	01 : Read Coils(0x)		10005	bool	Input 5	R
In France Color (D)France Color (D)C)France Color (D)France Colo	01 : Read Coils(0x)		10006	bool	Input 6	
Interact Caling (b)         Intract Caling (b)         Intra Caling	01 : Read Coils(0x)		10007	bool	Input 7	R
An end of the second	01 : Read Coils(0x)		10008	bool	Input 8	R
International Control         Internatenation         International Control         I	01 : Read Coils(0x)		10009	bool	Input 9	R
D3         Read Holding Register (A)         Gewine Lange Comparison         Hording Register (A)         Hording Register (A)         Read Holding Register (A)         Gewine Lange Register (A)         Rewine Lange Register (A)	01 : Read Coils(0x)		10010	bool	Input 10	R
DescriptionAccord					Holding Registers	
03: Read Holding Register (A)04:Wite Single Register, 16: Wite Multiple Registers40003Initial03: Success, 1: Fault, 2: FactoryReset(slow flash)RW03: Read Holding Register (A)06:Wite Single Register, 16: Wite Multiple Registers40004unt16IP 3Read Holding Register, 16: Wite Multiple Registers40005unt16IP 2RW03: Read Holding Register (A)06:Wite Single Register, 16: Wite Multiple Registers40005unt16IP 1RWRW03: Read Holding Register (A)06:Wite Single Register, 16: Wite Multiple Registers40005unt16IP 0RWRW03: Read Holding Register (A)06:Wite Single Register, 16: Wite Multiple Registers40005unt16Subnet 3RWRW03: Read Holding Register (A)06:Wite Single Register, 16: Wite Multiple Registers40000unt16Subnet 3RWRW03: Read Holding Register (A)06:Wite Single Register, 16: Wite Multiple Registers40000unt16Subnet 3RWRW03: Read Holding Register (A)06:Wite Single Register, 16: Wite Multiple Register40001unt16Subnet 1RWRW03: Read Holding Register (A)06:Wite Single Register, 16: Wite Multiple Register40010unt16Subnet 3RWRW03: Read Holding Register (A)06:Wite Single Register, 16: Wite Multiple Register40011unt16Subnet 3RWRW03: Read Holding Register (A)06:Wite Single Register, 16: Wite Multiple Register40011uint16Sateway 3RWRW<	03 : Read Holding Register (4x)		40001	uint16	HW version	R
Califord 3. Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers400004unt16IP 3P3RW03 : Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers400005uin16IP 2RWRW03 : Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers40000uin16IP 1RWRW03 : Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers40000uin16IP 0RWRW03 : Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers40000uin16Subnet 3RWRW03 : Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers40000uin16Subnet 3RWRW03 : Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers40000uin16Subnet 3RWRW03 : Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers40000uin16Subnet 1RWRW03 : Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers40010uin16Subnet 0RWRW03 : Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers40010uin16Gateway 3RWRW03 : Read Holding Register (4)Of-Write Single Register, 16 : Write Multiple Registers40011uin16Gateway 1RWRW03 : Read Holding Register (4)Of-Write Single Registe	03 : Read Holding Register (4x)		40002	uint16	Software version	R
03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40005unit16IP 2RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40000unit16IP 1RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40000unit16IP 0RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40000unit16Subnet 3RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40000unit16Subnet 3RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40000unit16Subnet 1RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40010unit16Subnet 1RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40010unit16Subnet 0RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40011unit16Subnet 0RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40012unit16Gateway 3RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40013unit16Gateway 0RW03: Read Holding Register (4)06:Write Single Register, 16: Write Multiple Registers40017unit16MC 5RW03: Read Holding Register (4)06	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40003	uint16		R/W
D3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40006uint16IP 1R.WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40007uint16IP 0R/WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40009uint16Subnet 3R/WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40009uint16Subnet 1R/WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40010uint16Subnet 1R/WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40010uint16Subnet 1R/WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40010uint16Subnet 0R/WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40011uint16Subnet 0R/WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40012uint16Gateway 3R/WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40015uint16Gateway 0R/WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40016uint16MAC 5R/WD3: Read Holding Register (4x)D6: Write Single Register, 16: Write Multiple Registers40017uint16MAC 4R/WD3	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40004	uint16	IP 3	R/W
D3: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40007uint16IP 0Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40009uint16Subnet 3ReW03: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40000uint16Subnet 2R/W03: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40010uint16Subnet 1R/W03: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40011uint16Subnet 0R/W03: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40012uint16Subnet 0R/W03: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40013uint16Gateway 3R/W03: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40013uint16Gateway 1R/W03: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40013uint16Gateway 0R/W03: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40015uint16Gateway 0R/W03: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40014uint16Gateway 0R/W03: Read Holding Register (4x)O6:Write Single Register, 16: Write Multiple Registers40015uint16MAC 1R/W03: Read Holding Register (4x	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40005	uint16	IP 2	R/W
D3: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40008uin116Subnet 3RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40009uin116Subnet 1RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40010uin116Subnet 0RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40011uin116Subnet 0RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40012uin116Gateway 3RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40013uin116Gateway 1RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40014uin116Gateway 1RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40015uin116Gateway 1RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40016uin116Gateway 0RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40015uin116Gateway 0RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40016uin116MAC 4RNV03: Read Holding Register (4x)06:Write Single Register, 16: Write Multiple Registers40017uin116MAC 1RNV03	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40006	uint16	IP 1	R/W
10310	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40007	uint16	IP 0	R/W
D3 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40010uint16Subnet 1RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40011uint16Subnet 0RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40012uint16Gateway 3RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40013uint16Gateway 2RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40013uint16Gateway 1RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40015uint16Gateway 0RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40015uint16Gateway 0RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40016uint16MAC 5RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40017uint16MAC 4RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40019uint16MAC 4RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40017uint16MAC 2RW03 : Read Holding Register (Ax)D6:Write Single Register, 16 : Write Multiple Registers40020uint16MAC 1RW	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40008	uint16	Subnet 3	R/W
D3 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4001uint16Subnet 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40012uint16Gateway 3R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40013uint16Gateway 2R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40014uint16Gateway 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40015uint16Gateway 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40016uint16MAC 5R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40016uint16MAC 4R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40018uint16MAC 4R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40018uint16MAC 3R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40019uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40019uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40020uint16MAC 1R/W	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40009	uint16	Subnet 2	R/W
Carter of the construction of	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40010	uint16	Subnet 1	R/W
103 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40013uint16Gateway 2RW03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40014uint16Gateway 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40015uint16Gateway 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40016uint16MAC 5R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40017uint16MAC 4R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40018uint16MAC 4R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40018uint16MAC 3R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40019uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40020uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40020uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40021uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40021uint16MAC 1R/W03	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40011	uint16	Subnet 0	R/W
Carter of the order of the o	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40012	uint16	Gateway 3	R/W
Carter of the formation	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40013	uint16	Gateway 2	R/W
O3 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40016uint16MAC 5R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40017uint16MAC 4R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40018uint16MAC 3R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40019uint16MAC 2R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40019uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 0R/W	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40014	uint16	Gateway 1	R/W
O3 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40017uint16MAC 4R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40018uint16MAC 3R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40019uint16MAC 2R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40019uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40020uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40021uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40022uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40022uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40022uint16MAC 0R/W	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40015	uint16	Gateway 0	R/W
O3 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40018uint16MAC 3R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40019uint16MAC 2R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers4002uint16MAC 0R/W	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40016	uint16	MAC 5	R/W
03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40019uint16MAC 2R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40020uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40021uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40021uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40022uint16input mode 0:default 1:triggerR/W	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40017	uint16	MAC 4	R/W
03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40020uint16MAC 1R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40021uint16MAC 0R/W03 : Read Holding Register (4x)06:Write Single Register, 16 : Write Multiple Registers40022uint16MAC 0R/W	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40018	uint16	MAC 3	R/W
03 : Read Holding Register (4x)       06:Write Single Register, 16 : Write Multiple Registers       40021       uint16       MAC 0       R/W         03 : Read Holding Register (4x)       06:Write Single Register, 16 : Write Multiple Registers       40022       uint16       input mode 0:default 1:trigger       R/W	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40019	uint16	MAC 2	R/W
03 : Read Holding Register (4x)       06:Write Single Register, 16 : Write Multiple Registers       40022       uint16       input mode 0:default 1:trigger       R/W	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40020	uint16	MAC 1	R/W
	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40021	uint16	MAC 0	R/W
03 : Read Holding Register (4x) 06:Write Single Register, 16 : Write Multiple Registers 40023 uint16 0:out volatile 1:out non volatile R/W	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40022	uint16	input mode 0:default 1:trigger	R/W
	03 : Read Holding Register (4x)	06:Write Single Register, 16 : Write Multiple Registers	40023	uint16	0:out volatile 1:out non volatile	R/W

## Input and Output Wiring and Usage



# 4. Relay wiring

