ZHC1931

Ethernet
Modbus RTU

ZHC1931 is a device that supports 2 dry (wet) node detection, 1 relay (COM, NO) output, 1 analog. A network IO product with pseudo-quantity (current 4-20mA) detection and 2 serial ports transparent transmission, compatible with Modbus RTU/TCP protocol.

With "remote control" as the core function, it is highly easy to use, and users can easily and quickly integrate into their own system to realize Remote and local control of Ethernet, RS485, RS232.

•Main advantage

1 relay output
2-way DI (dry/wet node) input
1 analog quantity (current) input
TCP_Client/ MQTT_Client/ TCP_Server
Modbus RTU/TCP
Host, slave mode, host mode supports RS485 cascading multiple devices
Cloud forwarding, cloud networking
Local logic, inter-device logic
Network registration package, heartbeat package
Hardware watchdog
Remote configuration, remote upgrade
Host computer, web page
Data trigger, regular report

IOTRouter
ZHC1931

25mm

69mm

93mm

Network parameters

Network type：Ethernet

Number of network ports (10/100M)：LAN *1

Network port type：Ethernet signal RJ45

Electromagnetic isolation protection： 1.5KV electromagnetic isolation

Cross-direct connection automatic switching：—

External network transformer：Not needed

Serial port

Number of ports：RS485*1 RS232*1

Standard：RS485：A, B   RS232: Tx, Rx G

Baud rate： 600～921600bps

Data bit ：8, 9

Stop bit ：0.5, 1, 1.5, 2

Check Digit ：NONE EVEN ODD

DO

Number of interfaces： 1 relay output

Standard： NO*1 COM*1

Mechanical durability： 10^7

Electrical durability 10^5

Capacity: 5A

　　　250VAC 30VDC

AI

Number of interfaces： 1 analog input

Standard： AI*1, G*1

Scope of test：4~20mA

DI

Number of interfaces: 2 switch inputs

standard DI*2, COM*1

Detection range (wet node) 5~50V->High

　　　　　　0~2V->Low 30mA(aver) @36V

Power supply

Voltage： 9~36V

Current : 60mA(aver) @9V

EMC

ESD IEC61000-4-2, Level 4

Surge IEC61000-4-2, Level 3

Group pulse IEC61000-4-2, Level 3