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INDUSTRIAL PRODUCT DATASHEET

Industrial Modbus RTU 8-ch Relay Module, RS485 Bus, Multi Protection

Industrial Modbus RTU 8-ch Relay Module with RS485 bus, multi protection, and 8 relay channels for industrial automation and remote control applications.

SKU	UPDATED	PRICE
114110027	2026-09-30 01:04:31	$29.99(Excl. VAT)



Overview



The Industrial Modbus RTU 8-ch Relay Module is an RS485 bus device with configurable address (1~255) and cascading support for multiple modules. It provides robust protection including power/signal isolation, TVS surge suppression, optocoupler isolation, reverse-proof circuit, and high-quality relays rated ≤10A 250VAC/30VDC in a rail-mounted ABS enclosure.

Key Features

- Configurable device address (1~255), multi devices can be cascaded on RS485 bus
- Features flash-on, flash-off function, by passing argument to the command, it is possible to turn on the relay for a while and then close it automatically
- Onboard unibody power supply isolation, provides stable isolated voltage, needs no extra power supply for the isolated terminal
- Onboard unibody ADI magnetical isolation, allows signal isolation, high reliability, strong anti-interference, low power consumption
- Onboard TVS (Transient Voltage Suppressor), effectively suppress surge voltage and transient spike voltage in the circuit, lightning-proof & anti-electrostatic
- Onboard Optocoupler isolation, prevent the relay from being interfered by high-voltage circuit
- Reverse-proof circuit, prevent the circuit from being damaged accidentally by incorrect connection
- High quality relay, contact rating: ≤10A 250VAC/30VDC
- Rail-mounted ABS plastic enclosure, easy to install, safe to use
- 3 LEDs for indicating the MCU status and signal transceiving status

Product Gallery









Applications

- Industrial automation
- Smart home
- Intelligent agriculture
- Remote monitoring
- Building automation
- PLC control
- Data acquisition
- Internet of Things

Part List

- Modbus RTU Relay x1
- Power adapter US plug 5V/2A 5.5/2.1 x1
- Power adapter EU head x1

Compliance & Logistics



HSCODE	8536411000
USHSCODE	8536410020
UPC	
EUHSCODE	8531202090
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Industrial-Modbus-RTU-8-ch-Relay-Module-RS485-Bus-Multi-Protection-p-4439.html

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