

CSE232-H4

4 × RS232 Isolated HUB Converter



- Support conversion between 1 × master station RS232 and 4 × slave stations RS232
- Support 300bps~460800bps baud rate
- Comprehensive fault tolerance mechanism ensures failure of one node does not affect others
- Support 15kV electrostatic protection, support 2.5kV optical isolation between the master and slave stations
- Support DC9~36V power input with reverse polarity protection
- Support -40°C to +85°C wide operating temperature range

Product Description

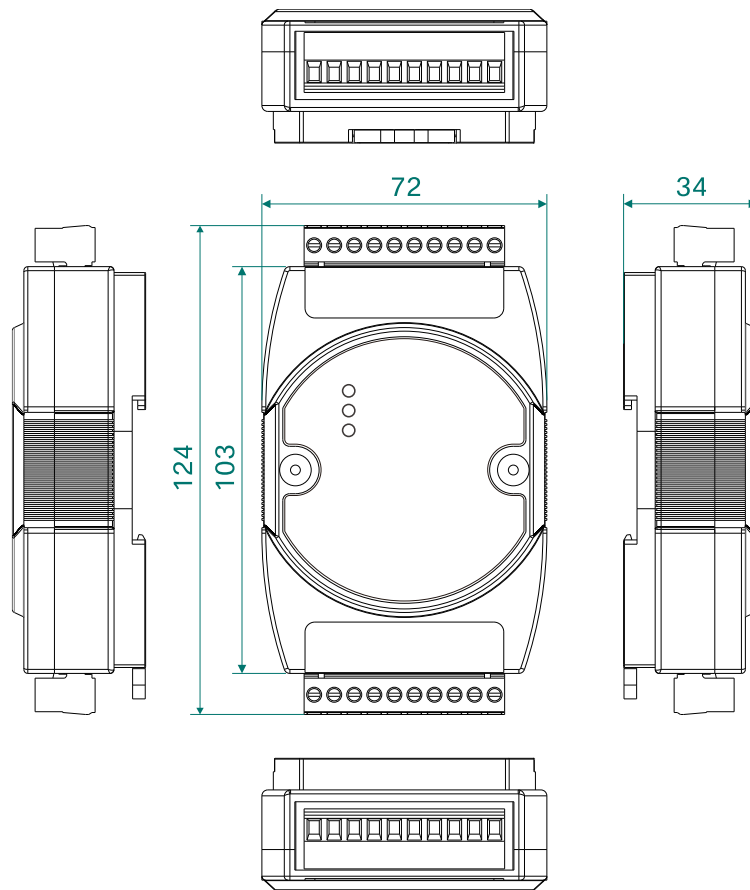
CSE232-H4 is a DIN-rail serial port isolated HUB converter that supports bidirectional transparent conversion between 1 x RS232 master station and 4 x RS232 slave stations, enabling one serial device to communicate with four serial devices in a master-slave configuration. This product features 1 × master RS232 port and 4 × slave RS232 ports, supports DC 9~36V power input, and utilizes standard DIN rail mounting to meet diverse industrial fieldbus requirements. It provides an RS232 star connection configuration, transforming the traditional one-to-one structure and significantly simplifying network layout. The hardware features low-power consumption and wide-temperature design, supporting operation from -40°C to +85°C, making it suitable for harsh field environments. The product is widely applicable in indoor and outdoor systems such as attendance tracking, access control, PTZ camera control, and parking management.

Technical Specifications

Interface	
Serial Port	Standard: Complies with EIA RS232 standard Number of interfaces: 1 × master RS232 port and 4 × slave RS232 ports RS232 signal: TX, RX, AGND Baud rate: 300bps~460800bps Connection method: 10-position 5.08mm pitch terminal block Interface protection: 15kV electrostatic protection Optical isolation: 2.5kV
Status LED	Power indicator, serial port sending data indicator, serial port receiving data indicator light
Power Supply	
Input Voltage	DC 9~36V, reverse polarity protection
Power Consumption	≤0.4W@DC24V (Full load)
Connection	10-pin 5.08mm pitch terminal block, 2 pins reserved for power
Physical Characteristics	
Dimensions	102.4×72×34 mm (DIN Rail mounting clip and connector excluded)
Installations	Easy installation on 35mm DIN rails
Weight	About 0.14kg
Working Environment	
Operating Temp	-40°C~+85°C
Storage Temp	-40°C~+85°C
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMC	IEC 61000-4-2 (ESD): Air discharge ±15kV

Dimensions

Unit: mm



Ordering Information

Standard Model	Master Station RS232	Slave Station RS232	Input Voltage
CSE232-H4	1	4	DC9~36V



Contact Us

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