

RS485HUB103

Bridge Box



One RS485 master port to three Isolated RS485 slave port Switching Power Built-in Less Expensive

- ◆ Support one RS485 interface master port to three Ground isolated RS485 interface slave port.
- ◆ One RS485 host can control upto 96 RS485 device in three RS485 segment simultaneously. Save the latency time in RS485 bridge application structure.
- ◆ Separate each RS485 segment. Easy to find faulty device.
- ◆ Each port has ground isolation function to meet industrial environment.
- ◆ Support terminator resistor in RS485 interface port. Can use jumper to install or remove to meet impedance match rule.
- ◆ Built-in Switching power supply to accept 90 -- 260VAC or -48VDC input.

RS485HUB103 Bridge Box Specification

Master Port A

*Connector type: DB25 Male.

*Interface: RS485.

Slave Port B/C/D

*Connector type: DB25 Male

*Interface: RS485

Note: each port has isolated signal ground(pin 7).

*RS485 signal Line:

422TXD+(pin 11) and 422RXD+(pin 9) short as DATA+ signal.

422TXD-(pin 12) and 422RXD-(pin 10) short as DATA- signal.

Note: RS485 interface with data direction auto control function.

Indicator Capability

*Power LED: green light for power on indication

*TXD LED: red light for input port transmitting data.

*RXD LED: red light for input port receiving data.

Dimensions

* RS485HUB103 box: 29.8x13.5x5.5(cm)

Environment

*Operating Temperature: 5°C -- 40°C .

*Operating Humidity: 10% -- 90% RH.

*Storage Temperature: 0°C -- 65°C .

*Storage Humidity: 5% -- 90% RH.

Power Requirement

*AC input: 90 to 260 VAC

*DC input: -40 to -56 VDC

*Power consumption: 10W

Other Relative Products:

▲ RS422HUB4 Interface Converter: one RS232 interface master port to four ground isolated RS422 interface slave port.

▲ RS232HUB4 Interface Converter: one RS232 interface master port to four ground isolated RS232 interface slave port.

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