

MWE485-H4

1-port RS232/485 to 4-port RS485 passive isolated HUB

Product description

The MWE485-H4 achieves the 1 port RS-232/RS-485 to 4 ports RS-485 in high rate with optic-isolation. It supports to long distance communications above 1.5km and multidrops(4 ×128 drops). This HUB can be used for RS-232/485 conversion or extending the communication ability for RS-485 Bus. This series of products adopts bus segmentation technology to realize star-type centralized network connection of RS-232/RS-485 devices and enhance bus signal load capacity. The product uses industrial-grade applications designed for system applications in complex environments.



Features:

- RS232/485 supported for master port;
- Optic-isolation for master to slave channels;
- Completely error contained, one slave node error does not affect others;
- 512 nodes broadcasting polling network mode supported;
- Intelligent module inside, auto-identify the RS-485 signal flaw;
- Industry level design, excellent import element chosen, all surface adhibit technical.

Product specifications

Technical parameters

Standard	Compliant with EIA RS-232, RS-485, RS-422 standards
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Interface

Interface form	Industrial terminal block
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Communication rate

Baud Rate	300bps~115.2kbps
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LEDs

Power indicator	POW(Red): Always lit when the power is connected normally
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Serial port transceiver indicator light	≡(Green): Flashes when data is being sent or received
	≡(Yellow): Flashes when data is being sent or received

Power

Power Supply	External DC5V power supply, external DC9~30V power supply
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Interface	Industrial terminal block
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Physical Characteristics

Shell	DIN rail shell
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Dimension	123mm×34mm×72mm
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Weight	0.13kg
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Transmission distance

Serial port line	RS-232, 15m@9600bps
	RS-422/RS-485, 1.2km@9600bps

Working Environment

Operating Temperature	-40°C~85°C
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Storage temperature	-40°C~85°C
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Ambient Humidity	5%~95%
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Warranty

Warranty	5 Years
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Certification

Certification	CE, FCC
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Ordering information

Item No.	Conversion mode		Transmission rate	Power supply
	Main port	Slave port		
MWE485-H4	RS232/RS485	4-way RS485	300bps ~ 38.4Kbps	External supply DC5~12V power supply