



4 ports RS-232 Isolation HUB

UP-232-H4

Industrial 1-port RS-232 to 4 ports RS-232 Isolation HUB, 2500V Opto-isolation

➤ Features

- Support 1-port RS-232 to 4-port RS232 signal;
- Industrial grade rugged ABS housing;
- Plug and play (hot-pluggable);
- Built-in 600W surge protection, 15kV static protection and circuit protection;
- Support 2500V optical isolation;
- Supports high-speed serial data rates: 300 to 115200bps;
- External DC5V or DC9-30V;
- Data direction auto-turnaround, no software drivers or flow control is required;
- Support DIN-Rail or wall mount installation;
- Working temperature range:-40~85°C;
- Warranty:5years



➤ Introduction

The UP-232-H4 is an industrial-grade 1-port RS-232 to 4-port RS232 Isolation HUB with 2500V optical isolation, which can transmit RS-232 signal in high rate.

UP-232-H4 adopts bus segmentation technology to realize star-type centralized network connection of RS-232 devices and enhance bus signal load capacity, supports serial data rates up to 115,200bps, auto-sensing and self-adjusting, no DIP switch or jumpers are required, which widely used in intelligent power management, power system automation, water conservancy monitoring, industrial automation, distributed data acquisition and other occasions.

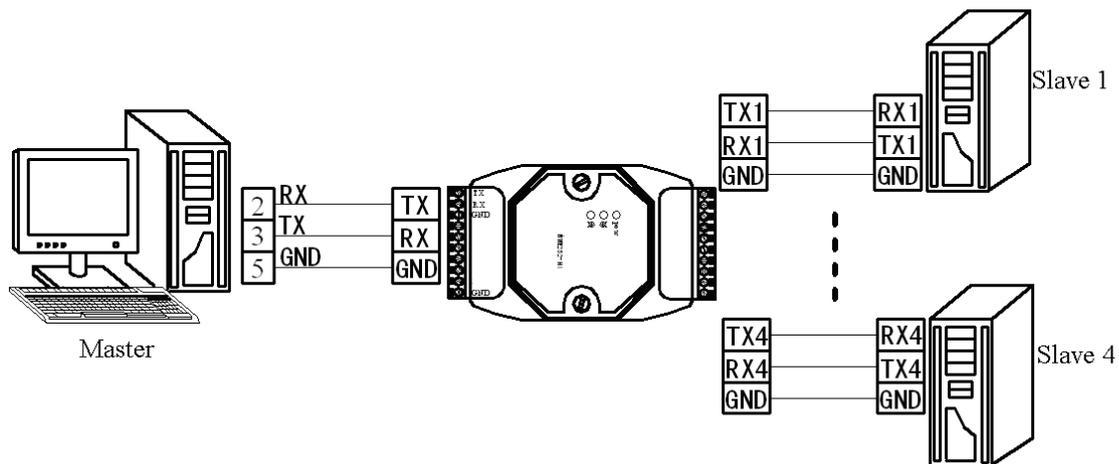
➤ Application Industries

- Industrial Automation
- Intelligent transportation supervisory system (ITS)
- Long-distance broadcast television transmission system
- Rail transportation industry
- Power system automation
- Water conservancy monitoring
- Distributed data acquisition

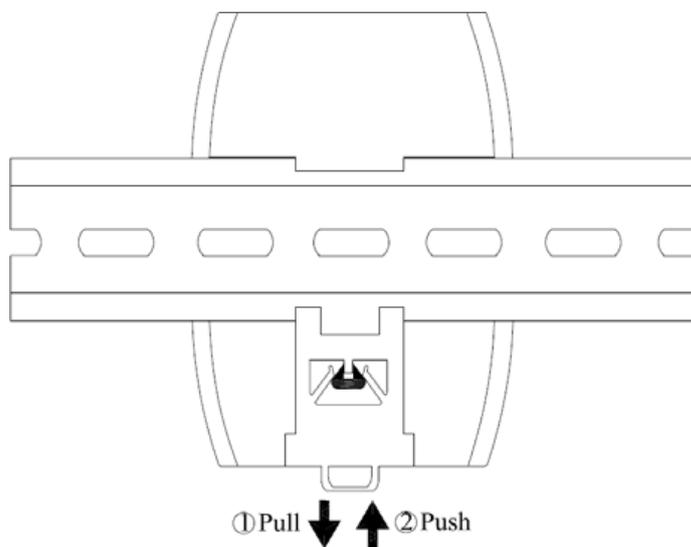
➤ Specification

Technical parameters	
Standard	Compliant with EIA RS-232 standards
Connector	Industrial terminal block
Baud Rate	300bps~115.2Kbps
LED Indicator	
Power indicator	POW(Red): Always light up when the power is connected properly
Serial port Indicator	≡(Green): Flashes when data is being sent or received
	≡(Yellow): Flashes when data is being sent or received
	TX, RX, TX1-TX4, RX1-RX4
Power	
Power Supply	External supply DC5V, external supply DC 9~30V
Interface	Industrial terminal block
Lightning protection	600W
Static protection	15KV
Optical Isolation	2500V
Physical Characteristics	
Shell	DIN rail shell
Dimension	126mm×34mm×72mm
Weight	130g
Transmission distance	
Serial port line	RS-232, 15m@9600bps
Working Environment	
Working Temp	-40~85°C
Storage Temp	-40~85°C
Relative Humidity	5%~95% (no-condensation)
Warranty	
Warranty	5 Years
Certification	CE, FCC, RoHS

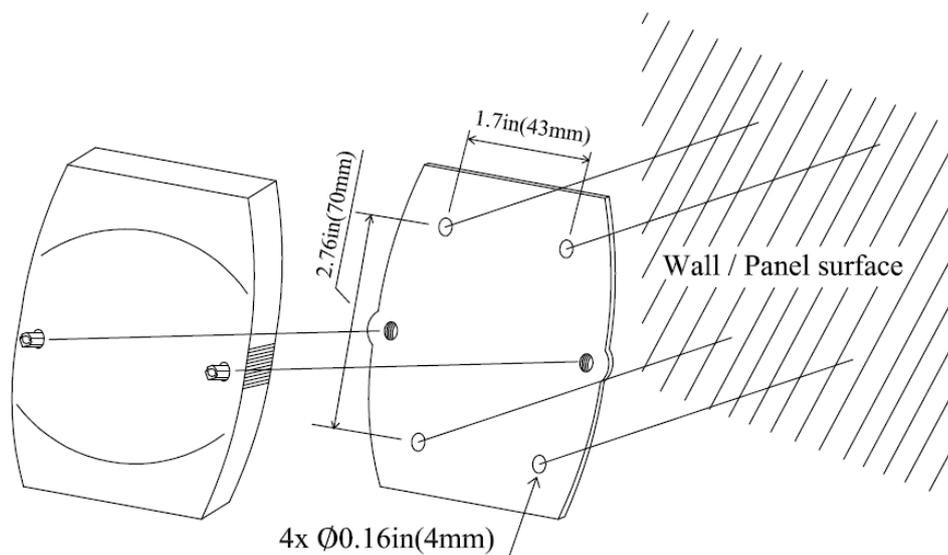
➤ Application



➤ Installation



DIN-RAIL MOUNTING



WALL/PANEL MOUNTING

➤ Ordering Information

Model NO.	Description
UP-232-P	RS232 Three Wire Signal Isolated Protector, 300~38.4Kbps, 2500V Opto-isolation
UP-485-R	Industrial RS-485/RS-422 Isolator/Repeater/Converter, 2500V Opto-isolation, DC9-30V
MW1040-I-R	Industrial RS-485/RS-422 Isolator/Repeater/Converter, 3000V Opto-isolation, DC9-36V
UP-232-H4	Industrial 1-port RS-232 to 4 ports RS-232 Isolation HUB, 2500V Opto-isolation, DC9-30V
UP-485-H4	Industrial 1-port RS-232/RS-485 to 4 ports RS-485 Isolation HUB, 2500V Opto-isolation, DC9-30V

➤ Packing List

- Industrial 1-port RS-232 to 4-port RS-232 Isolation HUB *1
- User manual * 1
- Certificate of quality * 1
- Warranty card * 1