

USB-2562M

4-Port Industrial USB 2.0 Hub with Metal Case

Features

- Compliant with USB Specification Revision 2.0
- Provides 4 Downstream Ports
- Supports High-speed (480 Mbps) and Full-speed (12 Mbps)
- Only Supports Self-powered Mode +10 ~ +30 V_{DC} Power Input
- Supports Downstream Port Status with LED

Introduction

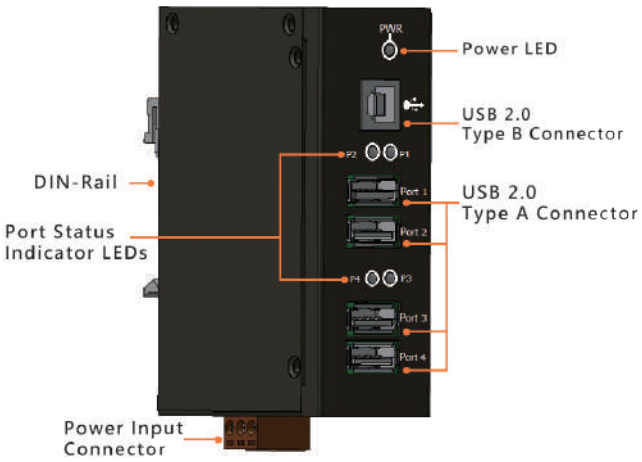
The USB-2562M allows you to add multiple high performance USB 2.0 peripheral devices to your computer. It supports the USB 2.0 high-speed mode that can achieve 480 Mbps data transmitting rate.

The USB-2562M only supports self-powered mode (drawing power from an external power supply). Externally powered USB hubs are the only way to guarantee the broadest compatibility for USB devices.

Specifications

Interface	
Ports	Upstream x 1 (Type B) Downstream x 4 (Type A)
Compatibility	Universal serial bus Specification Rev. 2.0/1.1/1.0
Transfer Speed	480 Mbit/s-high speed mode 12 Mbit/s- full speed mode
Supply Current	500 mA Max. per port
LED Indicators	
Power	1 LED
Downstream Ports	4 LEDs
Power	
Input Voltage Range	+10 ~ +30 V_{DC}
Power Consumption	0.25 A @ 24 V_{DC} for 250 mA per port. 0.5 A @ 24 V_{DC} for 500 mA per port.
Power Input Connection	Removable 3-Pin Terminal Block
Mechanical	
Dimensions (W x L x H)	32 mm x 108 mm x 87 mm
Installation	DIN-Rail
Environmental	
Operating Temperature	-40 °C ~ +85 °C
Storage Temperature	-40 °C ~ +85 °C
Humidity	10 ~ 90% RH, non-condensing

Appearance



LED Indicator Functions

LED	Color	Description
Power	Red On	Power is On
	Red Off	Power is Off
P1~P4	Green On	Device ready for work
P1~P4	Green Off	Device not ready to work

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

Pin Function for Terminal Block: Power Input Connector

External power supply is connected using the removable terminal block:

+Vs : Power input (+10 ~ +30 V_{DC}) and should be connected to the power supply (+)

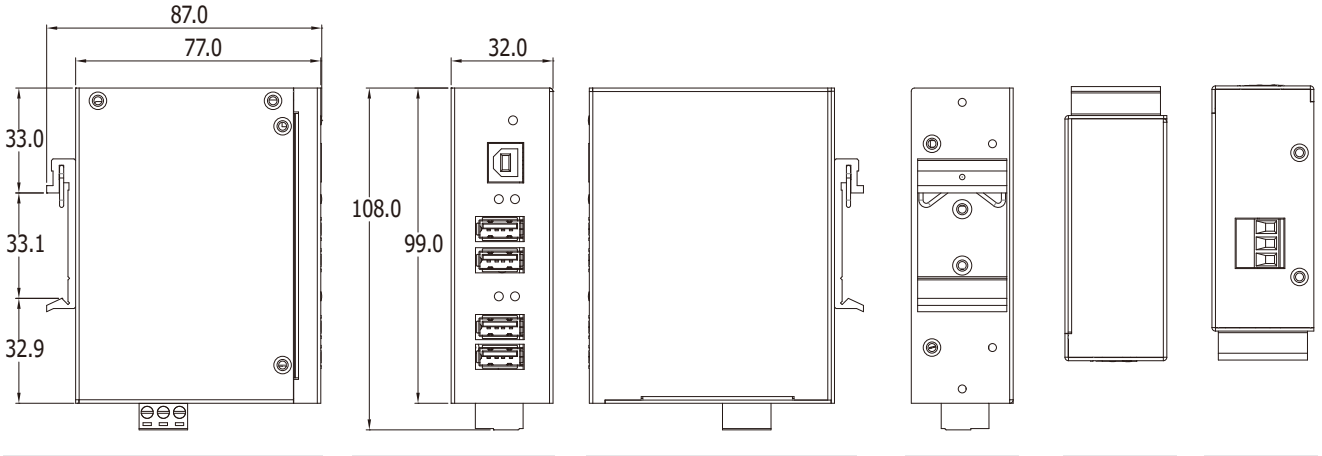
GND: Ground and should be connected to the power supply (-)

F.G. : F.G. stands for Frame Ground (protective ground). It is optional. If you use this pin, it can reduce EMI radiation; improve EMI performance and ESD protection.

Notes:

1. The USB-2562M only supports self-powered mode (Self-powered mode means the USB Hub is being powered by an external power supply).
2. 480 Mbps is shared by all 4 ports on USB-2562M.

Dimensions (Units: mm)



Ordering Information

USB-2562M CR	4-Port Industrial USB 2.0 Hub with Metal Case (RoHS) Includes CA-USB18 Cable (USB 2.0 A-Male to B-Male Cable, 1.8 M)
USB-2562M/S CR	4-Port Industrial USB 2.0 Hub with Metal Case (RoHS) Includes CA-USB18 Cable and GPSU06U-6 Power Supply

Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000