



USB-2562M

4-port Metal Industrial USB 2.0 Hub

Features

- Compliant with USB Specification Revision 2.0
- Built-in Renesas uPD720115 USB 2.0 Hub Controller
- Provides 4 Downstream Ports
- Support High-speed (480 Mbps) and Full-speed (12 Mbps)
- Only Supports Self-powered Mode +10 ~ +30 VDC Power Input
- Supports Downstream Port Status with LED
- DIN-Rail



Introduction

The USB-2562M allows you to add multiple high performance USB 2.0 peripheral devices to your computer (Or XP-8000 series). 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

USB	
Port	4
Specification	USB 1.1 and USB 2.0 standard compatible
Transfer Speed	480 Mbit / s-high speed mode 12 Mbit / s-full speed mode 1.5 Mbit / s-low speed mode
Supply Current	500 mA Max. per port
Connector	1 x Upstream (Type B) 4 x Downstream (Type A)
LED Indicators	
Status	1 x Power 4 x Downstream Ports
Power	
Input Range	+10 ~ +30 VDC
Consumption	0.25 A @ 24 VDC for 250mA per port. 0.5 A @ 24 VDC for 500mA per port.
Mechanical	
Casing	Metal
Dimensions (mm)	32 x 108 x 86 (W x L x H)
Installation	DIN-Rail Mounting
Power	
Casing	-25 ~ +75 °C
Dimensions (mm)	-20 ~ +80 °C
Installation	10 ~ 90% RH, non-condensing

Applications



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

Pin Function for Terminal Block : Power Input Connector

External power supply is connected using the removable terminal block :

+Vs : Power input (+10 ~ +30 VDC) and should be connected to the power supply (+)

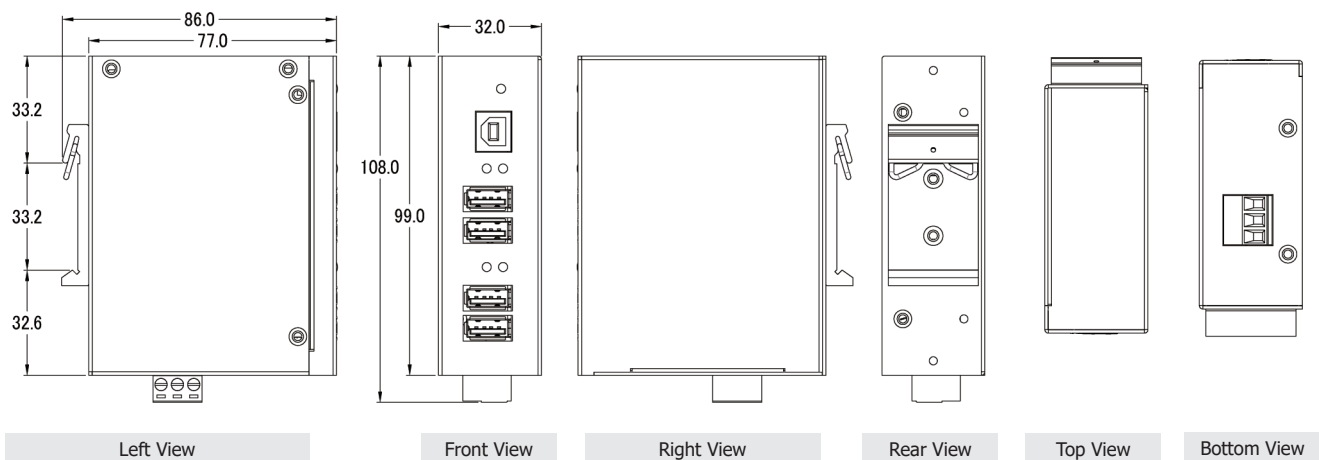
GND : Ground and should be connected to the power supply (-)

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 (RoHS) Includes CA-USB18 Cable (USB 2.0 A-Male to B-Male Cable, 1.8 M)
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