

Product Overview

Front View



To USB Host | LED Indicators | Downstream Ports

Side View



Detachable Terminal Block | Barrel Plug Power

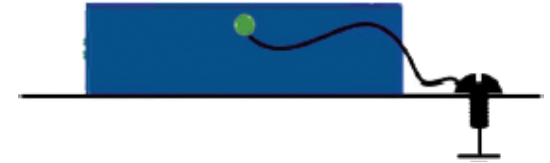
Panel Mounting

The panel mount brackets can be attached to either side of the hub. They can be attached in (4) positions: Up, Down, Forward and Back.



3 Grounding

We strongly recommend that you ground the chassis. Connect a grounding wire from the green ground lug to a good source of earth ground.



💡 You can order a grounding strap. The part number is 'CU15B' on the B&B website.

4 LED Status



Power ON = Power connected
Port ON = Port active, ready for use
Port OFF = Port fault

1 Mounting

DIN Rail Mounting

Attach the DIN rail bracket with the flat surface of the bracket facing the back of the hub.



2 Connect Your Power Supply

External Power

Both the UHR207 and the UHR307 require 12 to 30 VDC external power. They will consume a maximum of 30 W. You can provide power via the barrel plug port or the terminal block.

Both connectors are polarity protected.

The unit is to be connected to a Class 2 power source via the terminal block or barrel connector. Power cannot be applied to both connectors at the same time.



POS NEG GND

ABOUT USB

Video: Making USB Reliable in Rugged Applications

www.bb-elec.com/tech_articles/video_usb-tech-tips.asp

Video: USB Hub Introduction

<http://www.bb-elec.com/Learning-Center/All-Videos/UH104.aspx>

Troubleshooting

Both the UHR207 and the UHR307 require 12 to 30 VDC external power. They will consume a maximum of 30 W. You can provide power via the barrel plug port or the terminal block.

You will need no drivers to install a USB hub. Your operating system will discover and install it automatically as soon as the hub is powered up and connected to your computer. If you wish to confirm that the installation was successful, go to Device Manager and make sure that your new hub is listed there.

USB 2.0 is backwards-compatible with USB 1.0 and USB 1.1. You can use legacy devices with your new USB 2.0 hub. Note, however, that USB 1.0 and USB 1.1. devices will continue to operate at their original, slower speeds.

UHR207 vs UHR307

Both the UHR207 and the UHR307 are ruggedized for tough industrial applications. The UHR307 adds 4 kV isolation.

UL Class 1 Division 2 Installation Information

SUITABLE FOR USE IN CLASS I, DIVISION 2, GROUPS A, B, C AND D HAZARDOUS LOCATIONS, OR NONHAZARDOUS LOCATIONS ONLY.

WARNING - EXPLOSION HAZARD - SUBSTITUTION OF ANY COMPONENT MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2.

WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT EQUIPMENT WHILE THE CIRCUIT IS LIVE OR UNLESS THE AREA IS KNOWN TO BE FREE OF IGNITABLE CONCENTRATIONS.

The unit is to be connected to a Class 2 power source via the terminal block or barrel connector. In a C1D2 installation power cannot be applied to both connectors at the same time.

Field wiring conductor minimum insulation rating: 80°C

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Recommended Accessories and Power Supplies

External Power Supply

<http://www.bb-elec.com/Products/Power-Supplies-Accessories/Wall-Transformer-Power-Supplies/Ruggedized-USB-to-Serial-Converters-Accessories.aspx>



PS12VLB-INT-MED

Industrial Power Supply

<http://www.bb-elec.com/Products/Power-Supplies-Accessories/DIN-Power-Supplies/IDEC-Slimline-Power-Supplies.aspx>



PS5R-SC24

Fast, Easy Answers

- **First, check step 3.**
- **Then use your smart phone to access complete documentation on our web site. Simply scan the code to the right.**



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**QUICK
START
GUIDE**



UHR207 & UHR307
Non-Isolated Isolated

Industrial 7-Port USB Hubs

✓ First Things First...

Before you begin, be sure you have the following:

- 7-Port Industrial USB Hub
- USB Cable
- Panel Mount Adapters
- DIN Rail Adapter
- Power Supply (not included)



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Make The Right Connections

Fast and easy on the web: www.bb-elec.com