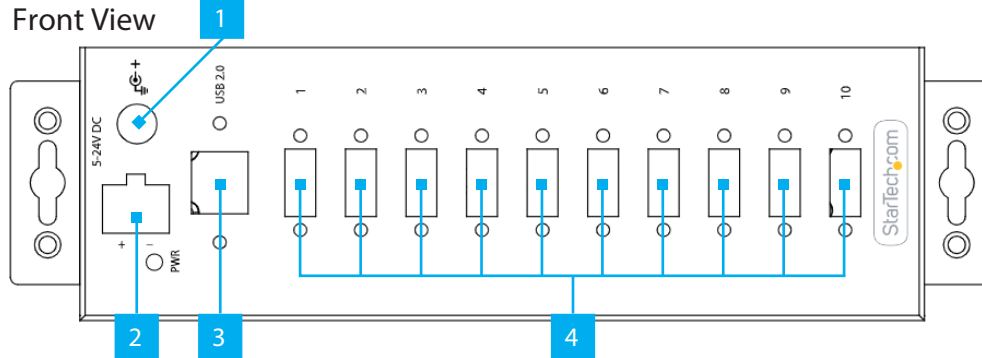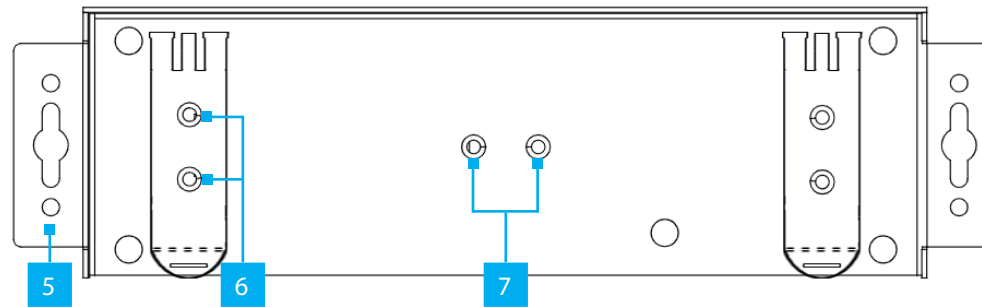# StarTech.com
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10-Port Industrial USB 2.0 (480 Mbps) Hub - 15 kV/8 kV Air/Contact ESD Protection - Wall/DIN Rail Mountable

Product Diagram (USB210AIND-USB-A-HUB)

Front View

Rear View

	Ports/Parts	Function
1	DC Power Input	• Connect a +5~24 V **DC Power Source**
2	DC 2-Wire Terminal Block Power Input	• Connect a +5~24 V **DC Power Source**
3	USB Type-B Host Port	• USB Type-B 480 Mbps (USB 2.0) • Connect the **USB Hub** to a **Host Computer**
4	USB Type-A Ports (x 10)	• USB Type-A 480 Mbps (USB 2.0) • Connect up to 10 **USB Type A Peripheral Devices**
5	Mounting Holes	• Wall mount the **USB Hub** • Mount the **USB Hub** to the side/underside of a **Desk**

6	DIN Rail Mounting Holes, Horizontal	• Used to **Horizontally** mount the **USB Hub** to a DIN Rail
7	DIN Rail Mounting Holes, Vertical	• Used to **Vertically** mount the **USB Hub** to a DIN Rail

Package Contents

• USB 2.0 Hub x 1
• DIN Rail Mounting Brackets x 2
• USB 2.0 Type-A to Type-B Cable x 1
• Screw Kit x 1
• Quick-Start Guide x 1

Requirements

For the latest product information, technical specifications, manuals, and declarations of conformance, please visit:
www.startech.com/USB210AIND-USB-A-HUB

• Flat Head Screwdriver
• Phillips Head Screwdriver
• Writing Utensil
• Level
• DC Power Source
• (Optional) Stud Finder & Electric Driver

Installation

Notes:

• *Connect the **Power Source** after all the other installation steps have been completed.*
• *There are two ways to power the **USB Hub**.
Using an external **DC Power Adapter** or a **Terminal Block Power Source**. **Voltage (+5 - 24 V DC)**.*
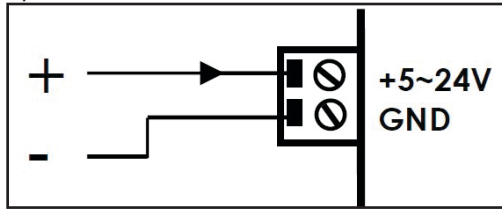
Connect the USB Ports

1. Connect the **USB 2.0 Type-A to Type-B Cable** to the **USB Type-B Host Port**, located on the **USB Hub**, and to a **USB-A Port**, located on the **Host Computer**.

2. The **Host Computer's Operating System** will detect the **USB Hub**.

3. Connect up to 10 **USB Peripheral Devices** to the **USB Type A Ports**, located on the **USB Hub**.

Power the Hub

Power the Hub Using the 2-Wire Terminal Block

1. Remove the **Terminal Block Connector Housing** from the **USB Hub's Casing**.

2. Loosen the screws for the **Terminals** located on the **Terminal Block Connector**, using a **Flat Head Screwdriver**.

3. Connect the **Positive** and **Negative Wires** from the **DC Power Source** (+5 - 24 V DC) to the **Terminals** on the **Terminal Block Connector**, the **Terminals** are marked on the **USB Hub's Casing**.

   *Note: Ensure the polarity of the power input is correctly matched with the **DC 2-Wire Terminal Block Pins** to function properly and to prevent damage to the USB Hub and any connected peripherals.*

Terminal Block Pins

4. Insert the **Terminal Block Connector Housing** back into **USB Hub**.

Power the Hub Using an External Power Adapter

- Connect the **Power Adapter** to the **Power Input Port,** located on the front of the **USB Hub** and to an **AC Electrical Outlet**.

Surface Mounting

*Note: Always mount onto **Wall Studs**, when installing the **USB Hub** onto drywall.*

1. (Optional) If mounting onto drywall, use a **Stud Finder** to locate the **Wall Stud(s)** on your wall.

2. Hold the **Hub** in the desired mounting location, and mark the location of the **Mounting Holes**, using a **Writing Utensil** (use a level to ensure the two **Mounting Holes** are level).

3. Using an **Electric Driver**, drill **Pilot Holes** into each of **Mounting Hole Marks**.

4. Hold the **Hub** in the desired mounting location, aligning the **Mounting Holes** on the **Hub** with the **Pilot Holes** created in **Step 3.**

5. Insert the **Mounting Screws** (x 2) through the **Wall Mounting Holes** and into the **Wall**, and tighten the **Mounting Screws** until the **Hub** is securely fastened to the **Wall**, using a **Phillips Head Screwdriver**.

DIN Rail Mounting

Horizontal

1. Align the **Din Rail Brackets** (x 2) with the **DIN Rail Mounting Holes, Horizontal** (x 4), located on either side of the **USB Hub** (rear).

2. Insert the **Mounting Screws** (x 4) through the **DIN Rail Brackets** and into the **USB Hub**.

3. Using a **Phillips Head Screwdriver**, tighten the **Mounting Screws**. Be careful not to over-tighten the **Mounting Screws**.

Vertical

1. Align the **Din Rail Bracket** (x 1) with the **DIN Rail Mounting Holes, Vertical** (x 2) located on the **USB Hub** (rear).

2. Insert the **Mounting Screws** (x 2) through the **DIN Rail Bracket** and into the **USB Hub**.

3. Using a **Phillips Head Screwdriver**, tighten the **Mounting Screws**. Be careful not to over-tighten.