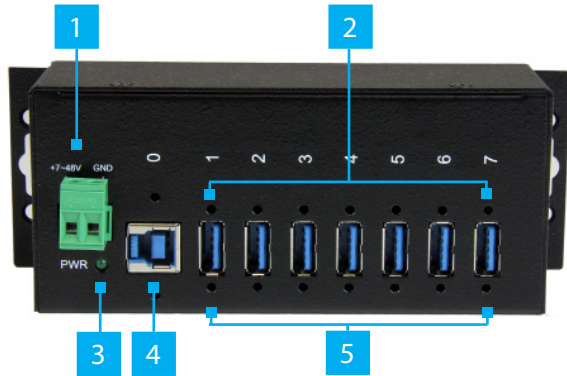


7-Port Industrial USB 3.0 (5 Gbps) Hub | USB 3.1 Gen 1 to 7x USB-A | ESD & Surge Protection

Product Diagram: HB30A7AME, ST7300USBME



Component	Function
1 2-Wire Terminal Block	<ul style="list-style-type: none"> Used to connect an external DC Power Source (7~48V DC Input) to the Hub.
2 Screw Locks (x 8)	<ul style="list-style-type: none"> Used to securely lock a USB Device to the USB-A Port on the Hub. Screw Lock Dimensions: Center to center 19 mm, thread size 4 - 40.
3 Power LED	<ul style="list-style-type: none"> Green: Indicates that the Hub is receiving power.
4 USB-B Host Port	<ul style="list-style-type: none"> Used to connect a Host Computer to the Hub. Screw Lock Dimensions: Center to center 24 mm, thread size 4 - 40.
5 USB-A Ports (x 7)	<ul style="list-style-type: none"> Used to connect USB Devices (x 7) to the Hub. Used to charge connected USB-A Devices. USB-A Ports support surge and 15KV ESD (Electrostatic Discharge) Protection.

Requirements

For the latest requirements, please visit www.startech.com/HB30A7AME or www.startech.com/ST7300USBME.

- Phillips Head Screwdriver
- Writing Utensil
- Level
- Mounting Screws (x 2)

Installation

Notes: It is recommended to use an external **DC Power Source** (+7 - 48V DC) connected to the **2-Wire Terminal Block** to ensure sufficient power/current is delivered to each **USB-A Port** on the **Hub**.

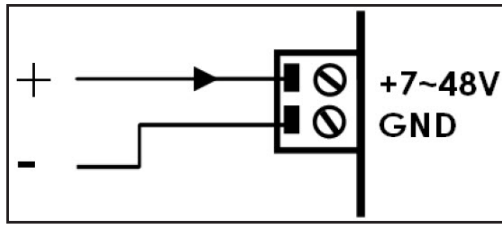
Powering the Hub Using the Universal Power Adapter

1. Connect the **Universal Power Adapter** to the **Terminal Block** and to a **AC Electrical Outlet**.
Note: Universal power adapter included with **HB30A7AME; ST7300USBME** does not include power adapter (**sold separately**).
2. Connect a **USB-B to USB Cable** (the end will depend on USB Port you are connecting to) to the **USB-B Host Port** and to a USB port on the **Host Computer**.
3. The **Host Computer's Operating System** should detect the **Hub** and automatically install it.
4. Connect your **USB Devices** to the **USB-A Ports** (x 7) on the **Hub**.

Powering the Hub Using the 2-Wire Terminal Block

1. Remove the **Terminal Block Connector Housing** from the **Terminal Block** on the **Hub**.
2. Using a small screwdriver (Phillips or Flat Head), loosen the screws on the **Terminal Block Connectors**.
3. Connect the **Power** and **Ground Wires** from your **DC Power Source** (+7 - 48V DC) to the proper **Terminal Block Connectors**, the terminals are marked on the **Hub's Casing**.

Note: Ensure the polarity of the input power is correctly matched with the **Terminal Block Pins** to ensure proper function.



Terminal Block Pins

4. Insert the **Terminal Block Housing** onto the **Hub's Casing**.

Mounting

DIN Rail Mounting

1. Align the **Din Rail Brackets** (x 2) with the **Mounting Holes** (x 4) on the back of the **Hub**.
2. Insert the **Mounting Screws** (x 4) through the **Din Rail Brackets** and into the **Hub**.
3. Using a **Phillips Head Screwdriver** tighten the **Mounting Screws**. Be careful not to over-tighten the **Mounting Screws**.
4. Clip the **Din Rail Brackets** onto a **Din Rail**, securing the **Hub** to the **Din Rail**.



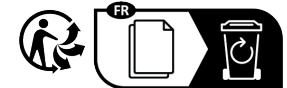
Din Rail Mounting

Wall Mounting

It is recommend that you use **Wall Studs** when wall mounting the **Hub**.

Note: Wall-mounting screws are not included. Please use appropriate screws suitable for your wall type and installation.

1. Align the **Hub** on the wall in the position you want to mount the **Hub**.
2. Using a **Writing Utensil** mark off both of the **Mounting Holes**.
3. Align the **Mounting Holes** on the **Hub** with the **Mounting Hole Marks**.
4. Insert the **Mounting Screws** through the **Wall Mounting Holes** and into the **Wall**.
5. Using a **Phillips Head Screwdriver** tighten the **Mounting Screws** until the **Hub** is securely fasten to the **Wall**.



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