



# USB 3.0 Hub 4-Port, 7-Port Industrial Line



## Quick Installation Guide

DA-70257 / DA-70258

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# 1. Introduction

The DIGITUS USB 3.0 Hub Industrial is ideal for consumer and industrial applications due to its metal housing and the screwable USB outputs. It can be installed on the wall or on a carrier rail and is connected to a computer, notebook or server with the supplied USB 3.0 cable. It supports the Hi-Speed USB 3.0 data transfer rate of up to 5 Gbit/s and is downward compatible to USB 2.0 and USB 1.1.

The HUB can be powered via a two-wire terminal block connector (+9V to 24V). Optionally, a power supply unit can be connected to the DC jack.

## 2. Main Features

- Additional 4/ 7x USB A 3.0 ports with up to 5Gbps to one USB A port
- The sturdy metal housing and the various mounts allow flexible mounting on support rails or various surfaces.
- 15kV ESD protection: The USB hub is protected against electrostatic discharge, making it particularly suitable for use in industrial environments.
- Thanks to the Super-Speed USB 3.0 standard, fast data transfer rates of up to 5 Gbps are possible - Due to the backwards compatibility, USB 2.0 & USB 1.1 are also supported.
- The integrated DC jack connection enables the USB HUB to be additionally supplied with power. (Not included within the delivery)
- Compatible with many operating systems e.g., macOS, Windows and Google Chrome OS

### 3. Package Contents

- 1x USB HUB
- 1x cable USB A plug to USB B plug, length approx. 2 m
- 2x wall mounting plates with screw package
- 1x Top-hat rail mounting: 25 mm
- 1x 3 pin terminal block
- Manual



### 4. Specification

1. USB 3.0 metal HUB with four downstream ports
2. Battery Charging Specification BC1.2 (SDP), maximum 18 W (3.6 A @ 5 V)
3. Power supply: +9V to +24V DC via terminal block or DC jack (Dimensions: (OD) 5.50mm x (ID) 2.0mm (L) x 10mm)
4. Automatic detection of input polarity at the power terminal block
5. ESD protection up to 15 kV for all ports
6. Includes detachable wall mounting kit and DIN rail kit
7. Compact industrial design with metal housing
8. Weight: 4 Port: 285 g / 7 Port: 304g
9. Color: black
10. 4 Port Dimensions: L 13,9 x W 6,9 x H 2,5 cm
11. 7 Port Dimensions: L 13,9 x W 6,9 x H 2,5 cm
12. Operating temperature: 0°C - 40°C (35°F to 100°F)

## 5. Product View

### 4-Port



### 7-Port



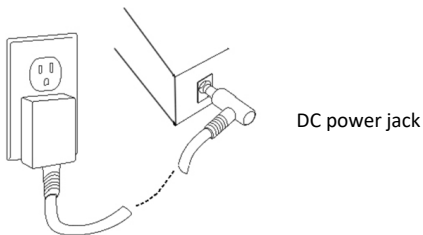
1	Power Led	2	USB Type B	3	Port
4	DC Jack	5	3 pin Terminal Block		

## 6. Powering the Hub

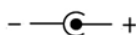
The Industrial USB 3.0 Hub with 15KV ESD Protection requires a 9-24 VDC external power source (not included) to work. Power up the Industrial Hub through either the DC Power Jack or 3-Pin Terminal Block.

### DC Power Jack

Plug the power adapter into a reliable power source, then connect it to the hub's **DC Power Jack**. (Power adapter not included)

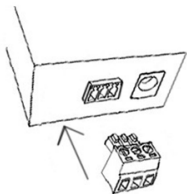


Refer to the Table below for the specifications of the DC power adapter.

Outside diameter (OD)	Inside diameter (ID)	Plug length (L)	Negative/ Positive
5.5+/-0.05 (mm)	2.1+/-0.05 (mm)	10+/-0.3 (mm)	 Center pin for positive voltage and the outer shield for negative voltage

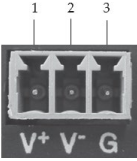
### 3-Pin Terminal Block

Plug the included terminal block into the hub's terminal block connector. Refer to **Pin Assignment** in the next section for wiring the power adapter (power adapter not included).



Power Terminal

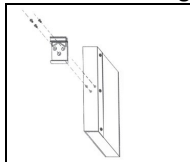
### Pin Assignment

	Pin	
	1	9-24 VDC
	2	GND
	3	CGND

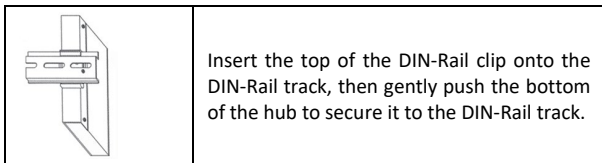
## 7. Hardware Installation

Mount your hub on the wall or DIN-Rail, if needed.

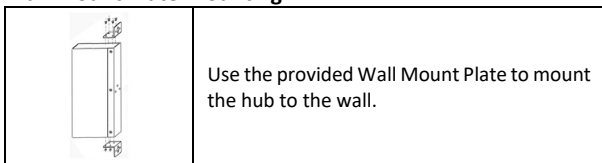
### DIN-Rail Mounting



Use the included screws to install the DIN-Rail kit to the hub.



## Wall Mount Plate Mounting



Hereby ASSMANN Electronic GmbH declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

**[www.assmann.com](http://www.assmann.com)**

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