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DATASHEET GRAB-D-USB3.0-HUB-3X

3 Port USB 3.0 Gen 2 hub with Superspeed 5Gbps bandwidth



Highlights

- Designed with VL811Plus (USB 3.0 Compliant Hub, TID# 3300000022)
- Supports USB 3.0 SuperSpeed (5Gbps), USB 2.0 Hi-Speed (480Mbps), Full-Speed (12Mbps), and Low-Speed (1.5Mbps)
- Metal Case with Fixing Bracket
- Provides USB 3.0 cable port lock mechanism
- One upstream USB 3.0 cable port (Micro B-type Receptacle) lock mechanism
- Three downstream USB 3.0 cable ports (Standard A-type Receptacle) lock mechanism
- No Special Driver Requirements; Works Seamlessly With Any Operating System With USB Stack Support

Introduction

GRAB-D-USB3.0-HUB-3X is a high-performance three-port Universal Serial Bus (USB) 3.0 compliant Hub.

One upstream port and three downstream ports support not just SuperSpeed transfer, but are also backwards compatible with previous USB specifications and offer support for Hi-Speed (480Mbps), Full-Speed (12Mbps), and Low-Speed (1.5Mbps) traffic.

GRAB-D-USB3.0-HUB-3X allows for a maximum data transfer rate of up to 5Gbps, or ten times the throughput available to USB 2.0 based devices. Other enhancements provide for improved interaction between device and host controller, including important advancements in power management.

Technical Specifications

USB 3.0 Compliant Hub	<ul style="list-style-type: none"> Compliant to Universal Serial Bus 3.0 Specification Revision 1.0 Compliant to Universal Serial Bus Specification Revision 2.0 One up-stream port supports Super-speed(SS), high-speed (HS) and full-speed (FS) traffic Three down-stream ports support Super-speed(SS), high-speed (HS), full-speed (FS), and low-speed (LS) traffic Supports USB 3.0 UX states
U3H404E2 Power	<ul style="list-style-type: none"> DC Power input Connector: MINI-COMBICON Headers Power Input Range: DC 9 ~ 24V (max. 8.0A)
Extras	<ul style="list-style-type: none"> Supports individual mode for power enable and over current detection on each down-stream port
USB 3.0 cable ports (Provides USB 3.0 cable port lock mechanism)	<ul style="list-style-type: none"> One upstream port (Standard Micro B-type Receptacle) USB 3.0 Micro B-type lock mechanism Three downstream ports (Standard A-type Receptacle) USB 3.0 Standard A-Type lock mechanism
Dimensions	<ul style="list-style-type: none"> 21.46(H) x 93 (W) x 62.17 (D) mm NW: 184g
Certifications	<ul style="list-style-type: none"> CE Test: Pass FCC Test : Pass VCCI Test: Pass

Mechanical drawing

