# BB-USH204 BB-USH207

## Four & Seven Port Super-Speed 3.0 USB Hubs



#### **Features**

- Expands one USB port to 4 or 7 USB ports (see models)
- 8kV air ESD protection
- SuperSpeed USB 3.0 speeds up to 5 Gbps
- Heavy-duty metal case with DIN and panel mount options (includes mounting kit)
- 900 mA downstream power on each port
- External power supply required (not included, sold separately)
- Includes USB 3.0 Type A to Type B (2 m) cable

### **Specifications**

#### **USB** Interface

• Standards USB 3.0 (backward compatible with USB 2.0 and USB 1.1)

Upstream Port (1) Type B

Downstream Ports
BB-USH204: (4) Type A
BB-USH207: (7) Type A

• USB Controller Supports xHCI

Surge Protection 600W power input surge protection on each port

**ESD Protection** 8 kV air

#### **Power**

• Power Requirement External power source, required (not included, sold

separately)

Redundant 9 to 24 V<sub>DC</sub> terminal block input

BB-USH204: 24 W BB-USH207: 36 W

• Power Connector 3-pin terminal block or barrel DC power jack

Downstream PowerLED900 mA per portPower LED indicator

#### Mechanical

Dimensions
Enclosure
Weight
138.8W x 68.5D x 25.0H mm
Industrial-grade, metal case
BB-USH204: 600 gm
BB-USH207: 620 gm

#### **Meantime Between Failure (MTBF)**

■ **MTBF** BB-USH204: 588858 hours BB-USH207: 935103 hours

• Calculation Method Modified QF factors

#### **Environmental**

• Operating Temperature  $0 \text{ to } +40 \,^{\circ}\text{C}$ • Storage Temperature  $-20 \text{ to } +50 \,^{\circ}\text{C}$ 

• Operating Humidity 0 to 85% Non-condensing

#### **Approvals, Directives, Standards**

**Emissions** FCC Class B, CE, RoHS

CE - Directives
2014/30/EU - Electromagnetic Compatibility Directive
2011/65/EU amended by (EU) 2015/863 Reduction of

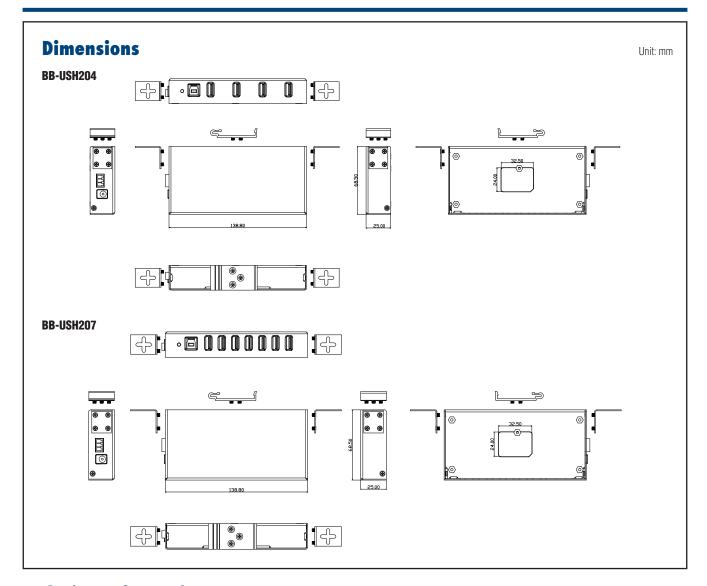
Hazardous Substances Directive (RoHS) 2012/19/EU – Waste Electrical and Electronic

Equipment Directive (WEEE)

• CE - Standards EMC:

EN 55032 Class A - Electromagnetic Compatibility of Multimedia Equipment – Emission Requirements EN 55024 - Information Technology Equipment – Immunity Characteristics – Limits and Methods of

Measurement



## **Ordering Information**

BB-USH204 Industrial USB 3.0 4-port Hub
BB-USH207 Industrial USB 3.0 7-port Hub

#### **Accessories - Sold Separately**

**BB-MDR-40-12** 40W, 12V, DIN Rail, Slim, Plastic Power Supply

(required, not included)

**BB-USB3AMBM-3FT** USB 3.0 Cable, 0.91 m (one cable included with

product)