# **USB-4750 USB-4761**

# 32-Ch Isolated Digital I/O USB Module 8-Ch Relay, 8-Ch Isolated Digital Input **USB Module**



USB-4750

## **Features**

- Compatible with USB 1.1/2.0
- Bus powered
- 16 x isolated digital input and 16 x digital output channels
- High voltage isolation on all channels (2,500 V<sub>DC</sub>)
- High sink current on isolated output channels (200 mA/channel)
- Supports 5 ~ 60 V<sub>DC</sub> isolated input channels
- Interrupt handling capability
- Timer/counter capability
- . Suitable for DIN rail mounting
- 1 x Lockable USB cable included for connection security

# **Specifications**

#### **Isolated Digital Input**

- Channels Input Voltage
- Interruptible Channels . Isolation Protection

#### **Isolated Digital Output**

- Channels **Output Type**
- Isolation Protection Output Voltage
- Sink Current

#### **Isolated Counter**

- Channels
- Resolution Max. Input Frequency
- . Isolation Protection

#### General

- Bus Type
- I/O Connector
- Dimensions (L x W x H) Power Consumption
- **Operating Temperature**
- Storage Temperature Storage Humidity

## **Ordering Information**

- USB-4750-BE
- Accessories
- 1960004544
- 1960005788

- 16 Sink (NPN) 2,500 VDC 5 ~ 40 VDC
- Total 1.1 A max.
- 32 bit 1 MHz 2.500 Vpc
- USB 1.1/2.0 Onboard screw terminal 132 x 80 x 32 mm (5.2" x 3.15" x 1.26") Typical: 5 V @ 200 mA Max.: 5 V @ 350 mA 0~60 °C (32~140 °F) -20 ~ 70 °C (-4 ~ 158 °F) 5 ~ 95% RH, non-condensing
  - 32-ch isolated digital I/O USB module
- Wall mount bracket VESA mount bracket

## FCC C E

## **Features**

**USB-4761** 

- . Compatible with USB 1.1/2.0
- Portable
- Bus nowered . 8 x Relay output and 8 x isolated digital input channels
- LED indicators to show activated relays
- 8 x Form C-type relay output channels .
- High-voltage isolation on input channels (2,500 V<sub>DC</sub>)
- High ESD protection (2,000 V)
- Wide input range (5 ~ 30 V<sub>DC</sub>)
- Interrupt handling capability
- Detachable screw terminal on modules .
- Suitable for DIN rail mounting
- 1 x Lockable USB cable included for connection security

## **Specifications**

#### **Isolated Digital Input**

- Channels
- Input Voltage
  - Isolation Protection
- **Opto-Isolator Response**

#### **Relay Output**

- Contact Rating Max. Switching Power .
- Max. Switching Voltage Max. Switching Current
  - **Operate/Release Time**
  - Life Expectancy
- (Electrical)

### General

- Bus Type I/O Connector
- Dimensions (L x W x H)
- Power Consumption
- **Operating Temperature** Storage Temperature
- Storage Humidity

## Ordering Information

- USB-4761-BE
- Accessories
  - 1960004544
  - 1960005788
- Wall mount bracket

Logic 0: 2 V max. Logic 1: 5 V min. (30 V max.)

 $0.25 \ A @ 240 \ V_{\text{AC}}, 1 \ A @ 30 \ V_{\text{DC}}$ 

5 x 107 cycles typ. @ 10 mA/12 V

2 x 105 cycles typ. @ 2000 mA/30 V

132 x 80 x 32 mm (5.2" x 3.15" x 1.26") Typical: 5 V @ 60 mA Max.: 5 V @ 400 mA

8-ch relay/isolated digital input USB module

2,500 VDC

62.5 VA, 60 W

max. 5 / 4 ms

USB 1.1/2.0

Onboard screw terminal

0 ~ 60 °C (32 ~ 140 °F) -20 ~ 70 °C (-4 ~ 158 °F)

5 ~ 95 % RH, non-condensing

250 VAC, 220 VDC

50 µs

5 A

- VESA mount bracket

All product specifications are subject to change without notice.

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200 mA max. per channel

- 2,500 VDC
- Logic 0: 2 V max.
- Logic 1: 5 V min. (60 V max.) or dry contact