

USB Controlled 10 Signal, 1 Power Relay, 2 Opto Via I2C Protocol

P/N KA-USB-I2C-10RL-P

Description

This unit gives you control of 11 relay outputs and 2 optoisolated inputs via USB, as well as up to 8 external I/O modules through I²C! Ideal for industrial and commercial systems. LabView drivers available:
<http://www.lightsoft.com/>

Outputs (11) / Inputs (2)

- 10 signal relay digital outputs, 48V @ 0.5A
- 1 5V power relay output, 125VAC @ 12A
- 2 Optoisolated inputs each have 5000V isolation
- 13 LED I/O status indicators (Green)
- Terminal blocks, screw-down and plug-in (22-14 awg)

Communication (I²C), External I/O Modules

- Supports I2C "standard" mode (100Kbps)
- Speeds ranging from 1KHz to 100KHz
- Inter-bit and inter-byte clock stretching
- Daisy-chaining, control up to 8 modules
- I2C accessible via connector J3

Additional Features

- LabView Ready: Drivers Version 7.0 and greater
- Power supply output: 5V @ 500mA power supply via TB2 when power provided to J2 and TB1
- Short-circuit protection: Resettable PTC fuse
- Stackable form factor

Power Supply

- Power indicator: LED Green
- Input power: J1 or TB1 (Polarity-protected)
 - 7.5 VDC @ 100 mA max.
 - J1 – DIN 2.1 x 5.5 mm

Physical Characteristics

- Dimensions: 76 mm W x 252 mm L (3.0" X 9.9")
- Weight: 120g (4.3oz)
- Relative humidity: 10-80% non-condensing
- Operating temperature: 0 to 60C (32 to 140F)
- Storage temperature: -20 to 70C (-4 to 175F)

Product Line

- I²C 8-Opto Input Module (KA-I2C-8-OPTO)
- I²C 8-Relay Output Module (KA-I2C-8-RL-PWR)
- USB-I²C 10-Relay Module (KA-USB-I2C-10RL-P)
- USB/I2C/RS232 Tester (KA-I2C-RS232-TEST)
- Web-Accessible I/O Card (KA-WEB-I2C-TH)

