6 Power 2 Signal Relays Over USB or I2C Communication

P/N KA-I2C-8-RL-PWR-TH-000E

Description

This unit provides fast, easy, and expandable control of up to 8 modules through 2-wire I2C serial communication or USB. Ideal for use in industrial and commercial systems. LabView drivers are available.

Outputs (8)

6 Power Relays Form-C (24 VDC @ 10 Amps)
2 Signal Relays Form-A (24 VDC @ 0.5 Amps)
8 LED status indicators (Green)
6 Terminal blocks Screw-down 3-Pin (14-22 awg)
2 Terminal blocks Screw-down 2-Pin (14-22 awg)
8 Relays each have 1500V of isolation

Communication (I²C and USB)

Supports simple command protocol via USB jack
Supports I2C "fast" mode (400Kbps)
    Daisy-chaining, expansion up to 8 modules
    Address-selectable; Jumpers (8 addresses)
    Accessible via TB18/TB19 or J2

Additional Features

LabView Ready: Drivers Version 7.0 and greater
Power supply output: 5V @ 500mA power supply
                via TB18 when power provided
                to J2 and TB17
Short-circuit protection: Resettable PTC fuse
Stackable form factor
Option I²C controller: USB-I²C-10-Relay module

Power Supply

Power indicator: LED Green
Input power: TB17 (Polarity-protected)
                 7.5 VDC @ 600 mA max
                 Power over USB @ 500mA

Physical Characteristics

Dimensions: 64 mm W x 252 mm L (2.5" X 9.9")
Weight: 188g (6.6oz)
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 Ouput 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)