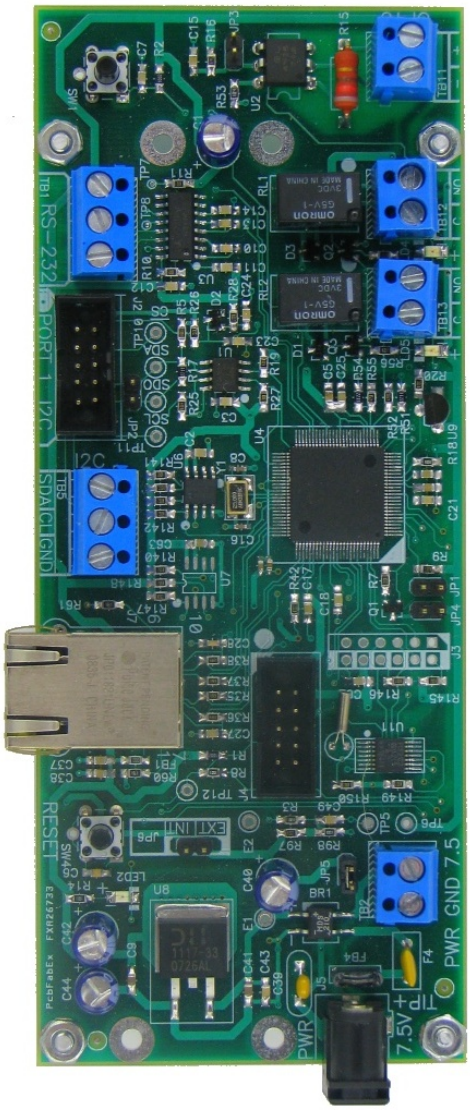
Web-Accessible I/O Card w/ Real-Time Clock / Calender

P/N KA-WEB-I2C-TH

The Web Accessible I/O Card lets you interface to it via the Internet and understands pre-set timed events. It comes standard with 2 switched outputs, 1 digital input, and 2 communications ports (RS-232 for serial and I²C for expandability). Ideal for use in industrial and commercial systems. More info at: http://www.lightsosoft.com/



Outputs (2) / Inputs (1) / 2 Com Ports

2 power relays, Form-C (30 VDC @ 2 Amps)
Relays have 1500V isolation
1 opto digital input (5-12VDC), 5000V isolation
I²C Port for Expandability to Additional I/O Cards
RS-232 Serial Port

Communication (TCP/IP, RS-232, I²C)

Supports standards-based TCP/IP communications
- Ethernet 10/100
- Listens to port 32768, responds with IP address

Supports I2C "standard" mode (100Kbps)
- Daisy-chaining, expansion up to 8 modules
- Interrupt-on-change
- Address-selectable; Jumpers (8 addresses)
- I2C accessible via terminal block TB5 or J2

Supports standard RS-232 communications

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
Real-time clock / calender
Temperature sensor
Reset button, user-configurable push button
Open-source

Power Supply

Power indicator: LED Green
Input power: J1 or TB17 (Polarity-protected)
7.5 VDC @ 500 mA max.
J1 – DIN 2.1 x 5.5 mm

Physical Characteristics

Dimensions: 64 mm W x 156 mm L (2.5" X 6.145")
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)