

## Inputs

- Inputs per card: 15, sink type
- Input range 18-30 VDC, nominal 24 VDC
- Maximum off-state voltage: 2 VDC
- On-state current maximum 2.5 mA / point @ 24 VDC
- LED indicators to show activated inputs

## Outputs

- Outputs per card: 15, source type
- Output range 18-30 VDC, nominal 24 VDC
- Maximum on current per channel 100 mA
- Resettable fuse triggered at 250 mA on short circuit
- LED indicators to show activated outputs

## General Specifications

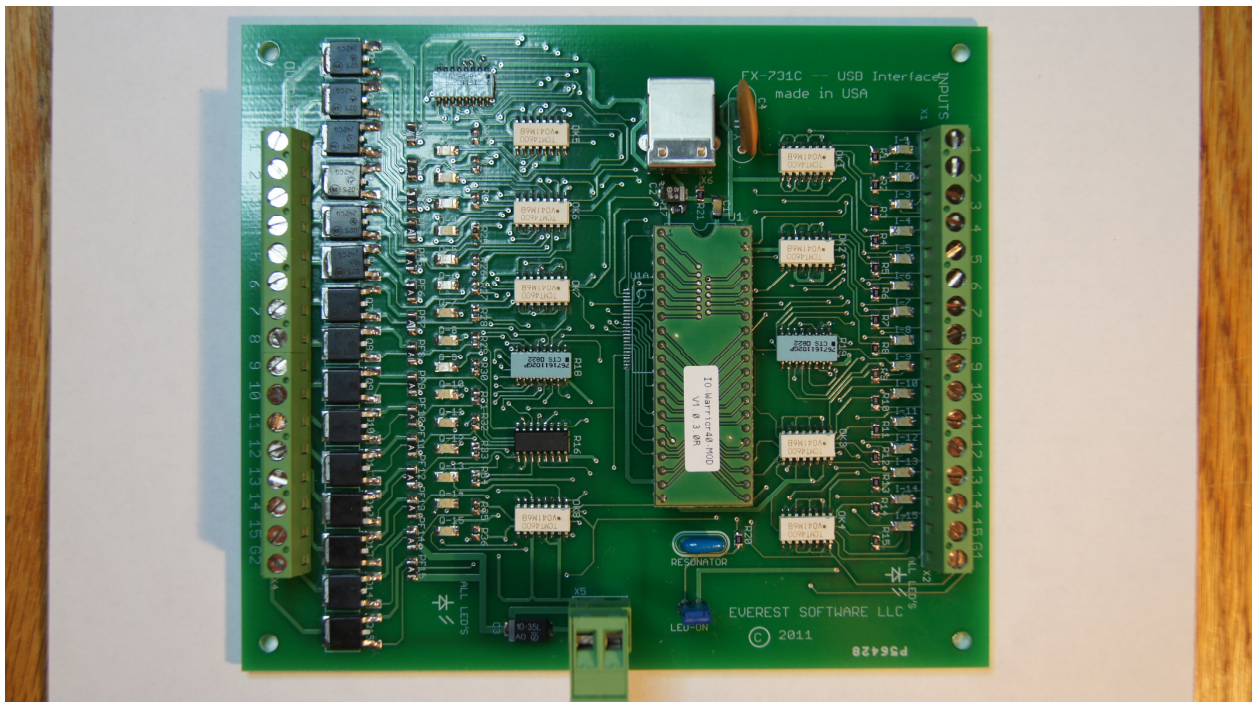
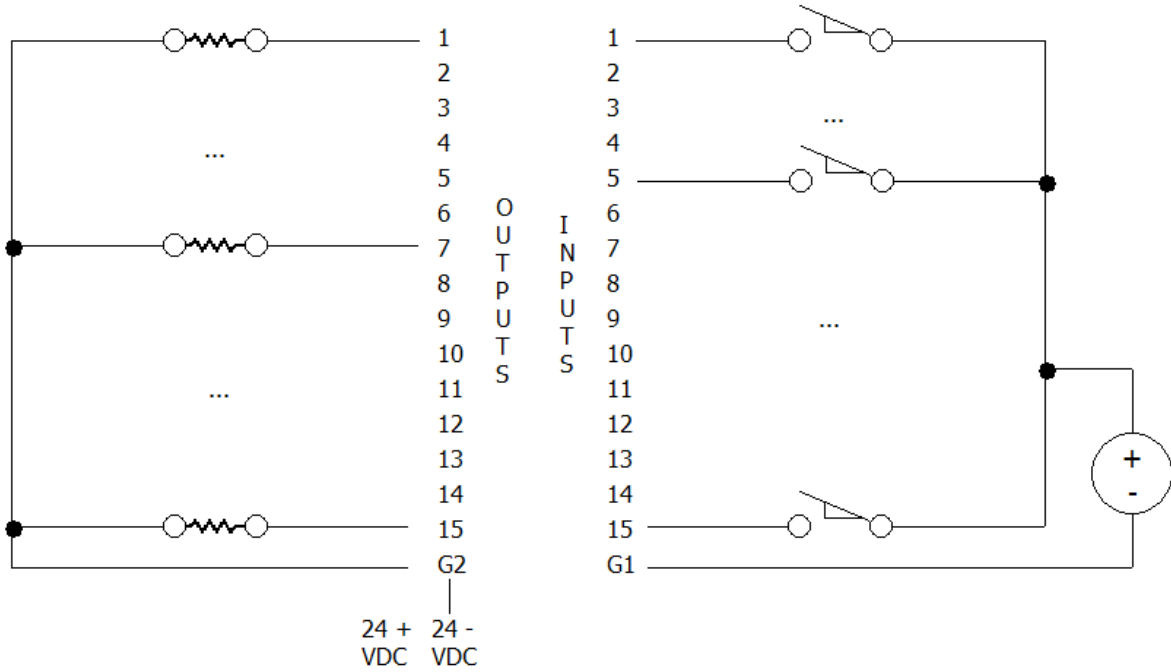
- Inputs and outputs are optically isolated from CPU/USB
- Inputs are electrically isolated from outputs
- Screw-terminal connectors used on all inputs and outputs
- Accepts 16-26 AWG wire
- USB V1.1/2.0 compliant low speed device
- USB HID 1.1 compliant
- Operating Temperature Range: 0-70° C
- Relative humidity: 5 to 90% non-condensing
- Power Consumption from USB port:
  - Minimum 50 mA @ 5 VDC
  - Maximum 150 mA @ 5 VDC (all LEDs on)
- Isolation I/O to logic: 3.75 kVrms optical isolation
- Field power supply voltage: 24 VDC nominal
- Software support for Mac, Linux, and Windows
- Native support in PeakHMI
- Each card has a unique address allowing unlimited card count per PC
- Size 4.75" x 5.5"
- Jumper to disable LEDs
- 1 USB cable included with each board

## Notes:

1) The card registers as a USB high current device. With all LEDs on the device draws approximately 150 mA. Some USB hubs will not allow high current devices to function. Plug the USB cable directly into the computer or use a powered USB hub.

2) Some USB cables do not properly connect the shield of the cable to each end. If this is the case the card may reset when power is applied or not function properly.

### Schematic



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