Overview

The Echoflex Contact Input Interface offers four inputs to interface with third-party devices and control systems. Each input has two terminals (+5V, Input) for interfacing with almost any equipment creating a hybrid control solution.

When the two terminals are bridged through an external dry contact, the input triggers transmission of a telegram based on standard profiles (EEP).
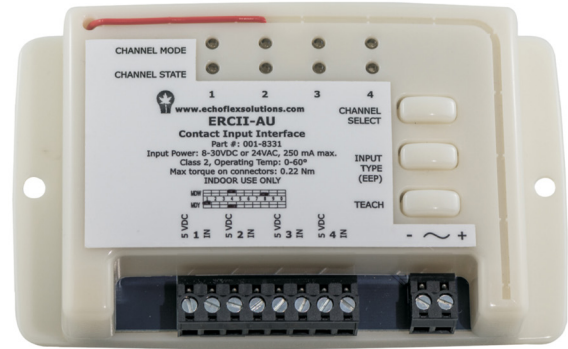
Supported EEP's include:

- Key card Activated Switch
- Rocker Switch
- Occupancy Sensor
- Window/Door Contact

Each channel can then be linked to the same or different receivers so when the input is activated, a wireless telegram is sent representing the input's state.

The Contact Input Interface is the easiest method of integrating wireless devices into existing panels, wired control systems, or energy management systems.

Panic scenarios that may include a lock-down, fire alarm or security breach can now access the distributed lighting controls and force lights on. Integrate the interface with existing control systems to deliver time-of-day scheduled events to the wireless controllers allowing you to stay with a single front-end solution.
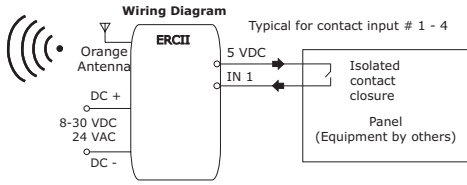
Features

- Four input channels
- Each channel operates separately sending switch or sensor commands to Echoflex controllers
- Low voltage interface to fire alarm, security, lighting, or control panels
- Easy integration into any Energy Management system
- Doubles as a repeater
- Panel or DIN rail mount for tidy mounting applications
- LED interface for channel status indication
- Pluggable terminal strips
- Supports key card switch , rocker switch, occupancy sensor and window switch profiles
- Available in 902 MHz

Ordering Information

Description	902 MHz Model	902 MHz PN
Input Contact Interface	ERCII-AU	7188A1420

echoflex
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Wiring Diagram

Wiring Diagram

Orange Antenna · DC + · 8-30 VDC 24 VAC · DC - · ERCII · 5 VDC · IN 1 · Typical for contact input # 1 - 4 · Isolated contact closure · Panel (Equipment by others)
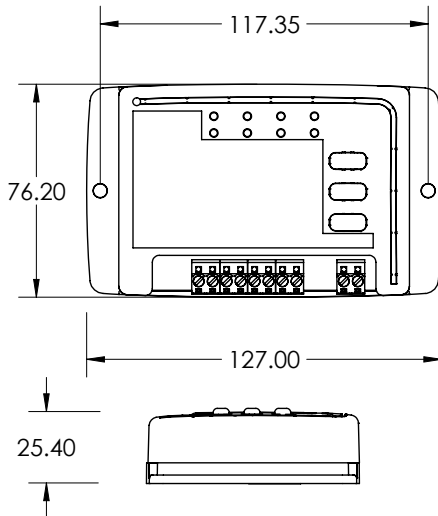
Supported Profiles: Transmitted

Switch F6-02-02

Key Card Switch F6-04-01

Occupancy Sensor A5-07-01

Window/Door Contact A5-30-02

Mechanical Specifications

Operating Temperature	-10 to 45°C / 14 to 113°F
Relative Humidity	5 to 95% non-condensing
Weight	111g (3.9oz)
Dimensions	76.2 x 127 x 27 mm (3 x 5 x 1")
Mounting	Two screws (not included)

Dimensional Diagram

117.35
76.20
127.00
25.40

Hardware Specifications

Power Supply	8-30VDC or 24VAC power input, 250mA maximum draw
Inputs	Three buttons: Channel Select, EEP Select, Teach Four +5V input channels
Outputs	Two bi-color LEDs per channel: Channel Mode, Channel State

Communications

Radio Frequency	902 MHz
Antenna	Whip
Transmission Range	24 m (80 ft) - commercial office spaces (typical), up to 100m (330 ft) line of sight

Agency Listings and Compliance

FCC Part 15.231

IC RSS-210

FC

Specifications are subject to change without notification. |Document 8DC-0529 | Revision 1.2