



FEATURES

- Energy Management System ready
- 4 Binary Inputs per interface
- Converts 24 Vac or 24 Vdc into 0-750 Ω Resistance
- Allows a DDC controller Analog Input to be used to read 4 Binary Inputs
- Easy Installation with quick connect terminals
- Provides 2 Relays (Form-C NO/NC contacts) for equipment interlock
- Allows hard wired interlock with Smoke Detectors, Duct High Limits, Freezestats, Duct Low limits and other safeties with a DDC interface

SPECIFICATIONS

Model	EXL-05110
Voltage Input	24 Vac ±10% 24 Vdc ±10%
Resistance Output	0 - 750 Ω
Channel Load	63 mA
Channel Status LED	4
Relay Status LED	1
Input Channels	4
Output Relays	2 Form C
Mounting	Track or Din Rail

Digital Multiplexer Interface

Description:

The Digital Multiplexer Interface board allows a standard Energy Management System (EMS) Direct Digital Control (DDC) Analog Input to read the status of up to 4 Binary Inputs.

This Interface is useful when reading the status of 4 Binary contacts for use in shutting down a Heating Ventilation and Air Conditioning (HVAC) unit while also providing the status to a DDC controller for digital processing.

This board converts channels 1-4 into the following signals:

Channel	Open adds	Closed adds
1	50 Ω	0 Ω
2	100 Ω	0 Ω
3	200 Ω	0 Ω
4	400 Ω	0 Ω

The resistance is decoded in the DDC controller to determine which of the 4 Binary inputs is on. Any combination of inputs can be detected.

PART NUMBER:

EXL-05110 [Options]
Option
DR

Option:

DR Din Rail Mounting

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