



**IN024A 24-Input
RS232 Decoder Board**

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The 24-input RS232 Decoder Board(s) shall be Alpha Communications® IN024A or equivalent. The IN024A shall be activated by capturing the voltage(s) generated by contact closures or voltages generated, and sending the proper RS232 data to a PC which is running Visitor Verifier™ or AlphaEntry™ (or other) Alpha Communications® software.

The contractor shall also furnish and install the required KE-PWR5/2A (5VDC) power supply, MTA100-13-12 wiring harness cable and RS232 cable to connect the IN024A to the PC's serial input port (or USB port with the proper adaptor).

All wiring to relay shall be low-voltage Class II wiring, installed as per all federal, state, and local electrical and building codes.

IN024A 24-Input Decoder Board

The Alpha Communications® IN024A 24-input Decoder Boards are used for a variety of applications. The primary use is for capturing up to 24 voltage (or dry contact) inputs from an entry intercom or call station (or up to 144 when used in a matrix configuration with some additional components), and sending the proper RS232 data to a PC which is running Visitor Verifier™ or AlphaEntry™ (or other) Alpha Communications® software.

The IN024A boards are designed to easily surface mount right onto the finished wall by using the mounting holes provided for screw mounting, along with the provided plastic stand-offs.

Connections are positive screw terminal and plug-in type.

FEATURES

- Easily Installs Right on Finished Wall Surface
- Operates on Safe Low-Voltage Class II Wiring
- RS-232 port to accept serial data or send serial data based on inputs.
- Convenient Screw Terminal and Plug-in Connections
- Program up to 12 x 12 matrix, based on application. Pins not used as Rows or Columns can be used as individual inputs (requires additional components for greater than 24 inputs).
- DB9 female connector for RS232 hookup
- No special drivers required

SPECIFICATIONS

Dimensions: 4.00"W (102mm) x 3.00"H (77mm) x .75"D (20mm).

Connections: Screw Terminal and Plug-in Connectors (requires # MTA100-13-12 cable)

Power Required: 5VDC, provided by the model # KE-PWR5/2A power supply

Operating Temp: 0 to 70 degrees C.

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.