RY008AE 8-Output AlphaEntry™ Signal Relay Board

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The Alpha Communications® RY008AE 8-Output Signal Relay Boards are used to provide 8 timed relays to be triggered by our AlphaEntry™ software, running on a Windows based PC. The primary use is for an entry intercom (or video-intercom) system, with a PC-based graphical directory and calling system. Multiple RY008AE boards can be used on each AlphaEntry™ system, and can be intermixed with the RY032AE 32-relay boards as well. Each relay comes factory set as Normally Open (NO), but can be individually be changed to Normally Closed (NC) by moving a simple jumper adjacent to each relay. The RY008AE boards are powered from a 5VDC, 2A plug-in power supply (model KE-PWR5/2A). The first RY008AE board connects to the PC using a model# CT032AE6 connector cable (as extender cable as required).

Each of the 8 relays have a diagnostic LED that will light as long as the associated relay is activated.

The RY008AE relay boards are designed to easily surface mount right onto the finished wall (or wooden mounting board) by means of screw mounting on top of plastic stand-offs (provided). Relay connections are positive screw terminal type, using barrier type terminal connector strips.

Architects' And Engineers' Specifications

The 8-Output Signal Relay Board(s) shall be Alpha Communications® AlphaEntry™ series RY008AE or equivalent. Each RY008AE board shall provide 8 output relays, which will be triggered and time controlled by the AlphaEntry™ system software. Each relay shall be rated for 1A, and shall be field selectable for NO or NC output contacts. Each relay shall have a diagnostic LED which will remain lighted as long as that relay is activated. Multiple RY008AE boards can be daisy-chained and can be inter-mixed with the RY032AE 32-relay boards as needed. Each system shall require a model KE-PWR5/2A 5VDC, 2A plugin power supply and a model CT032AE6 serial cable to connect the first RY008AE board to the PC's serial output connector. The RY008AE relay boards shall surface mount right onto the finished wall (or wooden mounting board) by means of screw mounting on top of (4) plastic stand-offs (provided).

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

Features

- Easily Installs Right on Finished Wall Surface
- Operates on Safe Low-Voltage Class II Wiring
- Provides 8 Timed Relay Outputs from an RS232 signal
- Convenient Screw Terminal Connections

Specifications

Dimensions:	3.50"W (89mm) x 3.80"H (97mm) x .075"D (20mm) when installed horizontally (as shown above)
Relay Type:	1.0 Amp (@5V) SPDT Relays with protective covers
Connections:	Barrier Type Screw Terminal Connectors.
Power Required:	5VDC, 2A (from KE-PWR5/2A plug-in power supply - 1 required per system).

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