



RY014B
(shown from component side)

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The specialty relay assembly shall be Alpha Communications® RY014B or equivalent. Relay shall operate from a the tone signal from the IA543 or PK543A amplifier (or equivalent), and shall provide a 'Form C' dry contact relay output, as long as the tone signal source is present. All wiring to relay shall be low-voltage Class II wiring, installed as per all federal, state, and local electrical codes. Relay shall mount inside the apartment intercom station, and shall be installed in a suitable environment that is free from excessive dirt, dust, temperature, humidity, grease and water.

Contractor shall provide the auxiliary signaling device(s) and separate power supply unit(s) required.

Contractor shall observe all local and national electrical and building codes.

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RY014B Specialty Relay

The Alpha Communications® RY014B specialty relays are used to provide a 'Form C' relay contact, from the tone signal generated by the IA543 or PK543A amplifier (or equivalent). The RY014B can be connected to a standard IR204E (or equivalent) apartment intercom station, and when the station is called from the lobby the RY014B provides a 'Form C' contact. This enables the user to connect an auxiliary signaling device, such as a strobe, loud bell, etc., off of the apartment station, when the lobby or entrance places a call.

As long as a the tone signal source is present, the RY014B will engage, providing a normally-open and a normally-closed set of contacts, with a shared 'common' screw terminal. The circuitry on the RY014B is designed to detect even the tiny current created by the IA543 or PK543A tone oscillator.

The RY014B relays are very compact, and are designed to easily mount right behind and inside the apartment station(s).

Wiring connections are positive screw terminal type.

FEATURES

- Easily Installs Inside Apt. Station
- Operates on Safe Low-Voltage Class II Wiring
- Provides a 'Form C' Type Relay Output
- Convenient Screw Terminal Connections

SPECIFICATIONS

Dimensions: 1.80"W (46mm) x 1.60"H (41mm) x 0.60"D (16mm).

Relay Type: 1.0 Amp (@30V) SPDT Relay with protective cover.

Connections: Positive Screw Terminal Connectors.

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