

# AC-B32 / AC-B31

## 500 User - Standard Button Controllers

The AC-B32 Prox & Pin Controller and AC-B31 Pin Controller are both 500 User - Controllers for internal applications. The AC-B32 Built in Prox Reader is available in 26-Bit Wiegand Format.

### FEATURES

- ▶ 500 Users
- ▶ Built in Proximity Card Reader (AC-B32 - 125 KHz ASK)
- ▶ Read Range: 3.5" (90mm) (AC-B32)
- ▶ Built in Standard Keypad for PIN code entry
- ▶ Internal Buzzer
- ▶ Comes with security screw and security screw tool
- ▶ Two Status / Programming Interface LED's
- ▶ Three User Levels
  - Normal User
  - Secure User
  - Master User
- ▶ Three Modes of Operation
  - Normal Mode
  - Bypass Mode
  - Secure Mode
- ▶ "Code Search" feature that helps make maintaining user codes easier.
- ▶ Input for Request to Exit (REX) button.
- ▶ Comes with mounting template for easier installation.
- ▶ Built in Case Tamper Detector
- ▶ Bell, Chime, Siren, and Strobe features available with BL-D40.
- ▶ Bell, Chime, Siren, Battery Backup, Tamper Output (Open Collector 20mA) features available with PS-X41 (Output Power 1.2A) and PS-X42 (Output Power 1.8A).
- ▶ Programmable Siren Time
- ▶ Programmable Lock Strike Release Time
- ▶ Comes with Suppression Diode (1N4004)



**AC-B32**  
Prox & Pin Controller  
Standard Keypad



**AC-B31**  
Pin Controller  
Standard Keypad

### SPECIFICATIONS

#### Electrical Characteristics

**Operating Voltage Range:**  
12 to 16V DC From a Regulated Power Supply

#### Maximum Input Current:

**AC-B32**  
Standby: 40mA Not including attached devices  
Max: 90mA Not including attached devices

**AC-B31**  
Standby: 20mA Not including attached devices  
Max: 75mA Not including attached devices

**Relay Outputs:**  
Lock Strike Relay Electronic Relay, 4A

**Inputs:**  
REX N.O., Dry Contact

**LEDs**  
Two Bi-colored LEDs

#### Built-In Proximity Reader (AC-B32)

Read Range\* 3.5" (90mm)  
Modulation ASK at 125kHz  
Compatible Cards All 26-Bit EM Cards

#### Environmental Characteristics

**Operating Temperature:** -25°F to 145°F (-31°C to 63°C)  
**Operating Humidity:** 0 to 95% (Non-Condensing)  
Suitable for outdoor use. (IP 56)

#### Mechanical Characteristics

**Dimensions:**  
3.5" (92mm) L x 3.5" (92mm) W x 1" (24mm) D

\* Measured using Rosslare Proximity Card (AT-11/12) or equivalent. Range also depends on electrical environment and proximity to metal.

Dealer Information Box:



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