AC-B31

Indoor Single-Door Standalone Controller

AC-B31 is part of Rosslare's indoor stand-alone controllers series, ideal for residential and commercial access applications. It is an industry favorite for those looking for a basic access controller that simply gets the job done.

The AC-B31 is easy to program and easy to use. This 500-user PIN stand-alone controller is packed with features such as multiple user levels and operation modes, Programmable Siren and Lock Strike Release Times, code search, and back & case tamper protection.

General Description

Whether you run a business or own a home, managing time and budget are important to your success. Rosslare's 500-user AC-B31 is both time and cost efficient, with all modes of security controlled by one attractive standalone device.

The AC-B31 can be configured in various combinations for optimum usability in all applications. A locally programmed Code Search feature eases the maintenance of user codes.

The unit, which is US Gang box mount compatible, contains two tri-colored LEDs, a keypad for PIN code entry, and an internal buzzer to notify the user when a key is pressed.

For added peace of mind, the unit offers three user levels (Normal, Secure, and Master Users) and three modes of operation (normal, bypass, and secure).

Main Features

- Advanced 500-user stand-alone controller
- Two -tri-colored LED and internal buzzer indicators
- Lock strike and auxiliary relay outputs
- Input for Request to Exit (REX) button
- Internal case and wall tamper detection
- Supplied with a security screw, security screw tool, and a mounting template
- Internal suppression diode (1N4004)

PROFESSIONAL GRADE FEATURES

- Three user levels: Normal, Secure, Master
- Three operational modes: Normal, Bypass, Secure
- Programmable Siren Time
- Programmable Lock Strike Release Time
- Bell, chime, siren and strobe when used with the BL-D40

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Product Specifications

ELECTRICAL SPECIFICATIONS	
• Operating voltage range	12-24 V DC/AC From transformer or power supply
• Maximum input current	Standby: 35 mA (not including attached devices) Maximum: 8 mA (not including attached devices)
• Inputs	REX: N.O., dry relay contacts Auxiliary: In monitor mode, N.C., dry contact Auxiliary: In input mode, N.O., dry contact
• Relay outputs	Lock strike relay: 2 A, form-C with built-in suppressor protection Auxiliary relay: Form C, 1A
• LED signaling	Two Tri-colored LEDs
PHYSICAL SPECIFICATIONS	
• Dimensions (H x W x D)	3.5 x 3.5 x 0.945 inch (92 x 92 x 24 mm)
• Weight	4.6 oz. (130 g)
ENVIRONMENTAL SPECIFICATIONS	
• Operating temperature	32°F to 145°F (0°C to 63°C)
• Operating humidity	0% to 95% relative humidity (non-condensing)
• Operating environment	Indoor use
• RFI protection	> 20 V/m up to 1000 MHz

System Components

The AC-B31 is compatible with Rosslare's door control systems and access control accessories, including: indoor egress buttons, secure power supply units, and other accessories.

BL-D40   EX-17   EX-01   AT-R261   AT-R271

Additional Information

The AC-B31 is a high-quality electronic product developed and manufactured under ISO9001:2008. It is covered by the RSP 2-year Limited Product Warranty.

Please visit our website for documentation and sales information: www.rosslaresecurity.com

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