

AC-B32

Indoor Single-Door Standalone Proximity & PIN Controller



AC-B32 is part of Rosslare's series of indoor standalone controllers, 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, yet utilizes both proximity cards and/or PIN codes.

The AC-B32 is easy to program and easy to use. This Proximity & PIN standalone controller is packed with features such as multiple user levels and operation modes, programmable siren and lock strike release times, code search, and back and 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 AC-B32 is both time and cost efficient, with all modes of security controlled by one attractive standalone device.

The AC-B32 can be configured in various combinations for optimum usability in all applications. A locally programmed Code Search feature simplifies the maintenance of user codes.

The unit, which is US Gang box mount compatible, contains two tri-colored LEDs, a built-in proximity reader, 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) and three modes of operation (Normal, Bypass, and Secure).

MAIN FEATURES

- Supports up to 500 users
- Access via proximity card and/or PIN code

- Compatible with 26-Bit EM proximity cards
- 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

PROFESSIONAL GRADE FEATURES

- Three user levels: Normal, Secure, Master
- Three operational modes: Normal, Bypass, Secure
- Built-in proximity card reader (125 KHz ASK Modulation)
- Programmable siren time
- Programmable lock strike release time
- Bell, chime, siren and strobe when used with the BL-D40

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Operating Voltage Range	12–16 VDC From a regulated power supply
■ Input Current	Standby: 40 mA (not including attached devices) Maximum: 90 mA (not including attached devices)
■ Inputs	REX – N.O., Dry Contact Auxiliary Input (In/Monitor) <ul style="list-style-type: none"> • Monitor Mode – N.C., Dry Contact • Input Mode – N.O., Dry Contact
■ Relay Outputs	<ul style="list-style-type: none"> • Lock Strike Relay – Electronic, 3.5 A with built-in suppressor protection • Auxiliary Relay – Form C, 1A
■ LEDs	Two tri-colored LEDs

OPERATIONAL SPECIFICATIONS

■ Compatible Cards	All 26-Bit EM proximity cards
■ Modulation	ASK at 125 kHz
■ Maximum Reading Range	90 mm (3.5 in.)

ENVIRONMENTAL SPECIFICATIONS

■ Operating Environment	Indoor use
■ Operating Temperature	-31°C to 63°C (-25°F to 145°F)
■ Operating Humidity	0% to 95% (non-condensing)
■ RFI protection	> 20 V/m up to 1000 MHz

PHYSICAL SPECIFICATIONS

■ Dimensions (H x W x D)	92 x 92 x 24 mm (3.62 x 3.62 x 0.94 in.)
■ Weight	124 g (4.37 oz.)

SYSTEM COMPONENTS

The AC-B32 is compatible with Rosslare’s door control systems and access control accessories, including: indoor egress buttons, secure power supply units, cards and tags.

PRODUCT WARRANTY

2-Year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company’s three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

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