

AC-D32

Indoor Single-Door Standalone Proximity & PIN Controller



Rosslare's AC-D32 is one in a highly sophisticated line of standalone controllers, ideal for residential and commercial access applications. The controller services up to 500 users and allows entry by proximity cards and PIN codes.

The attractively designed AC-D32 is easy to program and easy to use. This advanced standalone controller is packed with features such as eight auxiliary modes, multiple user levels, multiple modes of operation, and back and case tamper protection.

GENERAL DESCRIPTION

Whether you run a business or residence, managing time and budget are important to your success. Rosslare's AC-D32 is both time and cost efficient, with all modes of security controlled by one attractive standalone device.

The AC-D32 can be configured in eight different combinations for optimum usability in different applications. A locally programmed Code Search feature eases maintenance of user codes.

The AC-D32, which is US Gang box mount compatible, contains two tri-colored LEDs, a built-in proximity reader, a keypad for PIN code entries, and an internal buzzer to notify the user when a key is pressed.

MAIN FEATURES

- Supports up to 500 users
- Access via proximity card or PIN codes
- Compatible with 26-Bit EM proximity cards
- Two tri-colored LED and buzzer indicators

- Lock strike relay output
- Input for Request-to-Exit (REX) button
- Internal case tamper detector
- Supplied with a security screw, security screw tool, and a mounting template

PROFESSIONAL GRADE FEATURES

- Offers eight auxiliary modes, including: Door Ajar, Forced Door, Shunt, Door Monitor, Normal/Secure
- Three user levels: Normal, Secure, Master
- Three operational modes: Normal, Bypass, Secure
- Bell, chime, siren and strobe when used with the BL-D40
- Built-in 125 kHz ASK type EM RFID proximity reader

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)	122 x 75 x 24 mm (4.8 x 2.95 x 0.94 in.)
■ Weight	115 g (4.06 oz)

SYSTEM COMPONENTS

The AC-D32 is compatible with Rosslare’s door control systems and access control accessories, including indoor egress buttons, secure power supply units, and standalone PIN plus proximity controllers.

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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