

# AC-F43

## Outdoor Backlit PIN Standalone Controller



**ROSSLARE'S NEWEST STANDALONE BACKLIT PIN CONTROLLER, THE AC-F43, IS A COST-EFFECTIVE SOLUTION FOR INDOOR AND OUTDOOR SYSTEMS WHERE PIN CREDENTIALS ARE REQUIRED. THIS DURABLE MODEL CAN BE EASILY PROGRAMMED WITH UP TO 500 USERS ON A SINGLE DOOR.**

### GENERAL DESCRIPTION

For greater peace of mind, this sturdy access control unit provides three levels of security that can be assigned to as many as 500 users.

The AC-F43 offers automatic mode recognition and a user-friendly setup menu, simplifying configuration and use. Extra features such as various door alarms, LED control input, and tamper detection provide extra security and flexibility.

Come rain or shine, this reader can handle the challenge, with its rugged UV-resistant housing and water-resistant enclosure for maximum durability.

The backlit keypad is clearly visible day or night, making these units ideal for residential, commercial and industrial applications.

### MAIN FEATURES

- Up to 500 users can be coded using Smart enroll and delete technology
- A mounting template and installation kit are provided
- Three user levels:
  - Normal – Requires single PIN code
  - Secure – Requires dual PIN codes
  - Master User
- Three access levels:
  - Normal

- Bypass
- Secure
- Suitable for Gang Box installations
- Programmable PIN code length between 4 digits and 8 digits
- Powered either by transformer (AC) or regulated power supply (DC)

### PROFESSIONAL GRADE FEATURES

- Water-resistant and UV-resistant, meets IP65
- Internal buzzer
- Two inputs: REX and Auxiliary
- Two Form C, 2 Amp outputs: Lock Strike and Auxiliary
- Two tri-colored status/programming LEDs
- Ten programmable auxiliary behavior modes including Door Ajar, Forced Door, Alarm Shunt, and Door Monitor
- Programmable chime and siren when using BL-D40 and '\*' bell button
- Built-in optical back tamper

# SPECIFICATIONS

## ELECTRICAL SPECIFICATIONS

■ Operating Voltage Range	12 to 24 VDC, from a regulated power supply 16 to 24 VAC, from a transformer
■ Input Current	Standby: 75 mA at 12 VDC Maximum: 125 mA at 12 VDC
■ Relay Outputs	Lock Strike: 2 A Form C, N.O. and N.C. Auxiliary: 2 A Form C, N.O. and N.C.
■ Tamper	Optical back tamper sensor
■ Inputs	REX: N.O. Dry Contact Auxiliary (In/Monitor): N.O. Dry Contact. 10 Programmable modes
■ Proximity Card Reader	Maximum read range*: 75 mm (2.95 in.) Modulation: ASK at 125 kHz Compatible cards: All 26-Bit EM Cards * Measured using Rosslare Prox Card AT-R14 or equivalent. Range also depends on electrical environment and proximity to metal.

## OPERATIONAL SPECIFICATIONS

■ Capacity	500 Users, single/dual code each
■ Keypad	3x4 keys for local programming and 4- to 8-digit PIN code entry
■ User Levels	Normal, Secure, Master
■ Security Modes	Normal, Bypass, Secure
■ Audio/Visual	Interface for BL-D40 (bell, chime and siren enunciator) Two tri-color LED indicators, built-in sounder
■ Design	Epoxy potted, fully-sealed in a rugged polycarbonate enclosure. Red illuminated rubber keys. Suitable for harsh environments.

## ENVIRONMENTAL SPECIFICATIONS

■ Operating Environment	Water resistant, suitable for outdoor use (IP65)
■ Operating Temperature	-30°C to 65°C (-22°F to 150°F)
■ Operating Humidity	0 to 95% (non-condensing)
■ RFI Protection	> 20 V/m up to 1000 MHz

## PHYSICAL SPECIFICATIONS

■ Dimensions (L x W x H)	121 x 71 x 30 mm (4.72 x 2.80 x 1.17 in.)
■ Weight	244 g (0.54 lbs)

## SYSTEM COMPONENTS

The AC-F43 is compatible with the BL-D40 alarm, chime and door bell enunciator/strobe unit, as well as with the EX-01 Push to Exit button.

## PRODUCT WARRANTY

5-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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