ROSSLARE
SECURITY PRODUCTS

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 set up 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

CREATE YOUR OWN PEACE OF MIND

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Product Specifications

ELECTRICAL CHARACTERISTICS	
Operating Voltage Range:	12 to 24VDC, from a regulated power supply 16 to 24VAC, from a transformer
Input Current:	Standby: 75mA at 12VDC Maximum: 125mA at 12VDC
Relay Outputs:	Lock Strike: 2A Form C, N.O. and N.C. Auxiliary: 2A 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 inch) 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 CHARACTERISTICS	
Capacity:	500 Users, single / dual code each
Keypad:	3x4 Keys for local programming and 4 to 8 digit PIN codes entry
User Levels:	Normal / Secure, Master
Security Modes:	Normal, Bypass and 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 CHARACTERISTICS	
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 CHARACTERISTICS	
Dimensions:	121 x 71 x 30 mm (4.72 x 2.80 x 1.17 inch)
Weight:	244 g (0.54 lbs)

System Components

The BL-D40 alarm, chime and door bell enunciator / strobe unit can be interfaced to the unit, as well as the EX-01 Push to Exit button.

BL-D40   EX-06   EX-17   Assortment of cards

Additional Information

The AC-F43 is covered by Rosslare's 5-year Limited Product Warranty.

For sales information or product documentation, please visit our website: www.rosslaresecurity.com

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