AC–F44

Outdoor Backlit Standalone PIN & Proximity Controller

Rosslare's newest standalone backlit PIN & Proximity controller, the AC-F44, is a cost-effective solution for indoor and outdoor systems where PIN and/or Proximity 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-F44 offers automatic mode recognition and a user-friendly set up menu, simplifying configuration and use. Extra features such as various door alarms, LED control, 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 during the 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 PIN/PROX code combinations
  - Master User
- Three access levels:
  - Normal
  - Bypass
  - Secure
- Suitable for Gang Box installations.
- Programmable PIN code length of 4-digits to 8- digits.
- Powered either by transformer (AC) or regulated power supply (DC).

PROFESSIONAL GRADE FEATURES

- IP65 water-resistant and UV-resistant.
- Internal buzzer.
- Two inputs: REX and Auxiliary.
- Two Form C, 5 Amp outputs: Lock Strike and Auxiliary.
- Two tri-colored status/programming LEDs.
- Ten auxiliary modes including: Door Ajar, Forced Door, Alarm Shunt, and Door Monitor.
- Programmable chime and siren when using BL-D40 and * button.
- Built-in case and optical back tamper.
- LED color control input.

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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: 70 mA at 12VDC
  Maximum: 145 mA at 12VDC
- **Relay Outputs:** Lock Strike: Form C, 5 Amp
  Auxiliary: Form C, 5 Amp
- **Inputs:** REX: N.O., Dry Contact
  Auxiliary (In/Monitor): N.O., Dry Contact
- **LEDs:** Two tri-colored LEDs, with additional LED control feature
- **Proximity Card Reader:** Maximum read range*: 80mm (3.15 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 CHARACTERISTICS

- **Tamper Output:** Open Collector, active low 32mA max sink current.
- **PIN-Codes:** 8 formats supported; from single key up to 8-Digit PIN Codes.
- **LED Control Input:** Dry Contact, Normally-Open
- **Reader Inputs:** Supports 2 Standard Wiegand 26-Bit Readers/Pin keypads
- **3 Security Modes:** Three modes of operation: Normal Mode/Bypass Mode/Secure Mode
- **Audio/Visual:** Built-in Sounder (bell, chime, siren)/Two tri-color LED indicators

ENVIRONMENTAL CHARACTERISTICS

- **Operating Environment:** Suitable for indoor and outdoor use (IP65)
- **Operating Temperature:** -12°C to 60°C (10°F to 140°F)
- **Operating Humidity:** 0 to 95% (non-condensing)

PHYSICAL CHARACTERISTICS

- **Dimensions:** 121mm L x 71mm W x 30mm D (4.72 in. x 2.80 in. x 1.17 in.)
- **Weight:** 244 g (0.54 lbs)

System Components

We recommend selecting Rosslare's full range of standard Wiegand 26-Bit Readers.

Anti-Vandal
Biometric
Outdoor
PIN / PROX
Smart-Card

Additional Information