ROSSLARE
SECURITY PRODUCTS

AC-E100
Standalone Flush-mount Piezo PIN Controller

The AC-E100 is an advanced anti-vandal, 500 user standalone controller with an exceptionally robust metallic body and a highly sensitive piezoelectric backlight keypad, suitable for PIN codes access requirements. This rugged metal unit has no moving parts making it ideal for high traffic and extremely harsh environments. The model is fully sealed, epoxy filled, and has advanced programming options as well as flexible operation modes.

General Description

The AC-E100 comes in two colors; Platinum (AC-E100S) and Gold (AC-E100G) and is stylish, cost effective single door PIN access controllers. They are the ideal solution for outdoor residential, commercial, and industrial applications.

The controller is stand-alone (no PC required), and each user can be assigned one or two codes, effectively creating three different security levels.

Housed in a sturdy vandal-resistant metal casing, and completely epoxy potted, the AC-E100 is built for indoor and outdoor use, in all weather conditions.

This feature-rich unit offers flexible and easy programming capabilities, including a unique "code search" for effortless user management.

Main Features

- 500 users, single or dual pin

- Smooth, attractive, and anti-vandal casing

- Highly-sensitive, blue backlit, metal Piezo keys

- 3 operational Security Levels with unique PIN code options

- Supports up to 8-digit PIN codes, with timed lockout after 3 incorrect code entry attempts

- 2 tri-colored LEDs and internal sounder for programming and operation indications

- Wide range of low voltage AC/DC power input

- Multi-function button for various applications (+ button)

- Compatible with standard key-switch

PROFESSIONAL GRADE FEATURES

- Optical tamper detection and output

- 10 programmable auxiliary input and output (3 Amp Form-C Relay) modes

- 3 Amp Form-C Lock Strike Relay, for fail-safe and fail-secure, with input for REX

- Supports: Door Ajar, Forced, Shunt, Monitor, and Secure modes

- Door bell key feature (from '✱' bell key), with Rosslare's BL-D40 door bell accessory

CREATE YOUR OWN PEACE OF MIND

AC-E100 Standalone Flush-mount Piezo PIN Controller

Product Specifications

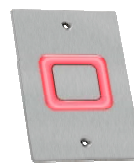| ELECTRICAL CHARACTERISTICS	
• Operating Voltage Range:	12 to 24 V DC, from a regulated power supply 12 to 24 V AC, from a transformer
• Input Current:	Standby: 74 mA, at 12 V DC Maximum: 170 mA, at 12 V DC
• Relay Outputs:	Lock Strike: 3A, Form-C relay, COM, N.O. and N.C. Auxiliary: 3A, Form-C relay, COM, N.O. and N.C. MF Key: Open collector output, using the "+" button as a multi purpose switch
• Tamper:	Optical back tamper sensor, O.C. active low 32 mA max sink current
• Inputs:	REX: N.O. Dry Contact Auxiliary (In/Monitor): N.O. Dry Contact. 10 Programmable modes
OPERATIONAL CHARACTERISTICS	
• Capacity:	500 Users, single / dual code each
• Keypad:	3x4 Piezoelectric Keys for local programming as well as 4 to 8 digit PIN code entry
• User Levels:	Normal, Secure and Master users
• Security Modes:	Normal, Bypass and Secure modes
• Audio/Visual:	Two tri-color LED indicators, Built-in sounder Interface for Rosslare's BL-D40 (bell, chime and siren enunciator)
• Design:	Epoxy potted, fully sealed in a rugged metal enclosure, high strength casing, High-sensitive Piezoelectric metal keys. Highly suitable for extremely harsh environments.
ENVIRONMENTAL	
• Operating Environment:	Water resistant, suitable for indoor and outdoor use
• Operating Temperature:	-30°C to 60°C (-22°F to 140°F)
• Operating Humidity:	0 to 95% (non-condensing)
PHYSICAL CHARACTERISTICS	
• Dimensions (H x W x D):	210 x 120 x 60 mm (8.27 x 4.72 x 2.36 inch)
• Weight:	765 g (1.69 lbs)

System Components

The AC-E100 is compatible with many Rosslare accessories, such as BL-D40, alarm, chime, and doorbell strobe unit, EX-xx piezoelectric Push to Exit buttons and many power supplies. The AC-E100 is available in Platinum (S) and Golden (G).

BL-D40   EX-16 & MP-16   EX-07   PS-C18

Additional Information

The AC-E100 is covered by Rosslare's 5-year Limited Product Warranty.

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

CE

RoHS COMPLIANT

TÜV CERT
ISO 9001: 2000
Cert. No. 01 100 6925
ISO 14001: 2004
Cert. No. 01 104 6925