AC-S43

Anti-Vandal Mullion Piezoelectric PIN Standalone Controller

This advanced anti-vandal, 500-user standalone controller is an exceptionally robust metallic unit with a highly sensitive piezoelectric keypad, suitable for PIN codes access requirements. This mullion model, with its rugged metal body and no moving parts, is 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-S43 is a stylish, cost effective single door PIN access control unit. It is the ideal solution for outdoor residential, commercial, and industrial applications. The controller is standalone (no PC is required), and each user can be assigned one or two codes, effectively creating three different security levels. Housed in a sturdy metal vandal-resistant casing and completely epoxy potted, the AC-S43 is built for indoor or outdoor use in all weather conditions. This feature-rich unit offers flexible and easy programming capabilities including a unique "code search" for simple user management.

MAIN FEATURES

- 500 PIN users
- Smooth attractive design, with anti-vandal casing
- Highly-sensitive piezoelectric metal keys
- 3 operational security levels can be selected with special PIN codes
- Supports up to 8-digit PIN codes, with timed wrong code lockout after 3 wrong attempts

- 2 tri-colored LEDs and integral sounder for programming and operation
- Wide range of low voltage AC/DC power input

PROFESSIONAL GRADE FEATURES

- 10 programmable modes for auxiliary input and output (3 A Form C Relay)
- 3 A Form C Lock Strike Relay for fail-safe and fail-secure
- Two inputs: REX and Auxiliary
- Supports: Door Ajar, Forced, Shunt, Monitor, and Secure modes
- Doorbell key feature operation (with '*' bell key), with Rosslare's BL-D40 accessory
- Meets IP68 for outdoor use

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SECURITY PRODUCTS

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: 35 mA, at 12 VDC Maximum: 90 mA, at 12 VDC
▪ Tamper	Optical back tamper sensor
▪ Relay Outputs	Lock Strike: 3 A, N.O. and N.C. Auxiliary: 3 A, N.O. and N.C.
▪ Inputs	REX: N.O. Dry Contact Auxiliary (In/Monitor): N.O. Dry Contact, 10 programmable modes

OPERATIONAL SPECIFICATIONS

▪ Keypad	2x6 keys for local programming and 4- to 8-digit PIN codes entry
▪ Design	Epoxy-potted, fully-sealed in a rugged metal slim enclosure, high strength construction, high-sensitive piezoelectric metal keys. Extremely suitable for extreme harsh environments.
▪ Audio/Visual	Interface for BL-D40 (bell, chime and siren enunciator) Two tri-color LED indicators, built-in sounder
▪ Capacity	500 users, single/dual code each
▪ User Levels	Normal, Secure, Master
▪ Security Modes	Normal, Bypass, Secure

ENVIRONMENTAL SPECIFICATIONS

▪ Operating Environment	Water resistant, suitable for outdoor use, meets IP65
▪ Operating Temperature	-40°C to 65°C (-40°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 D)	150 x 42 x 27 mm (5.91 x 1.65 x 1.06 in.)
▪ Weight	407.5 g (0.9 lb)

SYSTEM COMPONENTS

The BL-D40 alarm, chime and doorbell enunciator/strobe unit as well as the Push-to-Exit buttons can be interfaced with the unit.

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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