

AC-S43

Anti-Vandal Mullion Piezo 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 stand-alone (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.



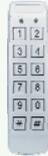
Main Features

- 500 PIN users
- Smooth attractive design, with anti-vandal casing
- Highly-sensitive Piezo 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 Amp Form C Relay)
- 3 Amp Form C Lock Strike Relay, for fail-safe and fail-secure
- Two inputs: REX and Auxiliary
- Supports: Door Ajar, Forced, Shunt, Monitor, and Secure mode
- Door bell key feature operation (from '*' bell key), with Rosslare's BL-D40 accessory
- Meets IP68 for outdoor use

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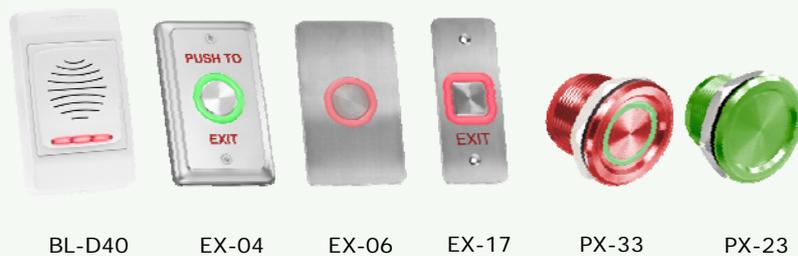


Product Specifications

ELECTRICAL CHARACTERISTICS	
• Operating Voltage Range:	12 to 24VDC, from a regulated power supply 16 to 24VAC, from a transformer
• Input Current:	Standby: 35mA, at 12VDC Maximum: 90mA, at 12VDC
• Relay Outputs:	Lock Strike: 3A, N.O. and N.C. Auxiliary: 3A, 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
OPERATIONAL CHARACTERISTICS	
• Capacity:	500 Users, single / dual code each
• Keypad:	2x6 Keys for local programming and 4 to 8 digit PIN codes entry
• User Levels:	Normal, Secure and 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 metal slim enclosure, high strength construction, High-sensitive Piezo metal keys. Extremely suitable for extreme harsh environments.
ENVIRONMENTAL	
• 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 CHARACTERISTICS	
• Dimensions:	150 x 42 x 27 mm (5.91 x 1.65 x 1.06 inch)
• Weight:	407.5g (0.9 lbs)

System Components

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



Additional Information

The AC-S43 is covered by Rosslare's 5-year Limited Product Warranty.

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



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