ROSSLARE
SECURITY PRODUCTS

AY-S55

Anti-Vandal Piezo 2x6 PIN Reader

The AY-S55 has a mullion style rugged metal construction with piezoelectric keys, ideal for high traffic and harsh environments where PIN code credentials are needed. This model is epoxy filled, designed to withstand extremely harsh outdoor environment, and has advanced programming options. This elegant yet robust model can easily interface with Rosslare's or most third-party controllers.

General Description

For greater peace of mind, this sturdy access control unit provides a rugged reader with advanced access control features, in an aesthetically-designed housing.

The AY-S55 offers 8 selectable PIN transmission formats, LED Control, and tamper detection, in order to provide extra security and flexibility.

Multi-format settings are programmed entirely through the Piezoelectric Keypad Interface.

The unit has an attractive slim profile, free from sharp edges, ideal for installations where style and rigidity are important.

Main Features

- Supports 4-Digit to 8-Digit PIN credentials.
- Smooth, attractive design, with all-weather indoor and outdoor operation.
- Large metallic piezoelectric Keypad with highly sensitive keys.
- 2 tri-colored LEDs and an integral sounder for programming and operation.
- User friendly menu system based on keypad, LED and sounder indicators.
- Back Optical tamper detection output.
- Door bell feature ('✱' key), when operated with Rosslare controllers.

PROFESSIONAL GRADE FEATURES

- 8 Selectable PIN transmission modes including options for Key stream, Binary, Parity, and 3x4 Matrix.
- LED Control.
- Programmable facility code.
- Comes with a mounting and drilling label, security screw, and tool set to prevent unauthorized opening.
- 60 cm (23.6 in.) shielded interface cable.

CREATE YOUR OWN PEACE OF MIND

AY-S55   Anti Vandal Piezo 2x6 PIN Reader

Product Specifications

ELECTRICAL CHARACTERISTICS	
• Operating Voltage Range:	5-16 VDC, from a regulated power supply.
• Input Current:	Standby: 30mA at 12 VDC Maximum: 70mA at 12 VDC
• LED Control:	Dry Contact, N.O.
• Tamper:	Optical back tamper sensor, O.C. active low 32mA max sink current
OPERATIONAL CHARACTERISTICS	
• Keypad:	2x6 Keys for PIN codes entry and local programming Door bell key ('✶') function (with Rosslare controllers only)
• Facility code:	Programmable
• PIN Code formats:	8 selectable formats, from single to 8 digit PIN Codes, including: - 6 and 8 Bits Wiegand, Nibble and Parity bit options, optional Rosslare Format - 1-5 keys, fixed 4 keys and 6 keys BCD with facility code, Wiegand 26 bits - 3x4 Matrix single key - 1 to 8 keys BCD, Clock & Data
• Audio/Visual:	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, no moving parts. Highly suitable for extremely harsh environments.
ENVIRONMENTAL CHARACTERISTICS	
• Operating Environment:	Water resistant, suitable for outdoor use (IP65)
• Operating Temperature:	-31˚C to 63˚C (-25˚F to 145˚F)
• Operating Humidity:	0 to 95% (non-condensing)
• RFI Protection:	> 20 V/m up to 1000 MHz
PHYSICAL CHARACTERISTICS	
• Dimensions:	150mm x 42mm x 27mm (5.91" x 1.65" x 1.06")
• Weight:	400g (0.9 lbs)

System Components

The AY-S55 is compatible with a variety of Rosslare's access controllers (AC-215, AC-115, AC-020, AC-015), as well as with many third party access control systems.

Additional Information

The AY-S55 is covered by Rosslare's 5-year Limited Product Warranty.

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