AY-S55

Anti-Vandal Piezoelectric 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

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 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
- LED control
- Programmable Facility code
- Comes with a mounting and drilling label, security screw, and tool set to prevent unauthorized opening

ROSSLARE
SECURITY PRODUCTS

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS	
■ Operating Voltage Range	5–16 VDC, from a regulated power supply
■ Standby Input Current	30 mA
■ Maximum Input Current	120 mA
■ LED Control Input	Dry Contact, N.O.
■ Tamper Output	Open collector, active low, max. sink current 32 mA
OPERATIONAL SPECIFICATIONS	
■ Keypad	2x6 Keys for PIN codes entry and local programming Doorbell key ('*') function (with Rosslare controllers only)
■ Facility Code	Programmable
■ PIN Code Formats	8 selectable formats, from single-digit to 8-digit PIN codes, including: - Wiegand 6-Bit and 8-Bit, nibble and parity bit options, optional Rosslare format - 1–5 keys, fixed 4 keys and 6 keys BCD with Facility code, Wiegand 26-Bit - 2x6 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 piezoelectric metal keys, no moving parts. Highly suitable for extremely harsh environments.
ENVIRONMENTAL SPECIFICATIONS	
■ Operating Environment Range	Suitable for outdoor use (meets IP65)
■ Operating Temperature Range	-31°C to 63°C (-25°F to 145° F)
■ Operating Humidity	0% to 95% (non-condensing)
■ RFI Protection	> 10 V/m up to 1000 MHz
PHYSICAL SPECIFICATIONS	
■ Dimensions (H x W x D)	150 x 42 x 27 mm (5.9 x 1.7 x 1.1 in.)
■ Weight	400 g (14.1 oz)
SYSTEM COMPONENTS	The AY-S55 is compatible with a variety of Rosslare's access controllers, as well as with many third party access control systems.
PRODUCT WARRANTY	5-Year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

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