AYC-Q64B

Anti-Vandal US Single Gang Backlit PROX + PIN Reader – Convertible

Part of the convertible line of readers/controllers, this unit can be operated as an outdoor backlit keypad and proximity reader that connects to any standard controller, or can convert into a fully featured, 500-user standalone controller when connected to Rosslare's PS-x25T family of intelligent power supply/relay units. This unit provides a most effective solution for indoor and outdoor access systems where PIN & proximity credentials are required. This attractive model features unique shiny blue illuminated metal keys on a metallic, epoxy filled, sealed housing.

GENERAL DESCRIPTION

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

The AYC-Q64B offers programmable PIN & Proximity transmission formats, LED control and tamper detection, providing extra security and flexibility.

Come rain or shine, this unit can handle the challenge, with its extremely-strong metallic housing and waterproof enclosure for maximum durability.

The backlit keypad, with its auto-dimming options, is clearly visible day or night, making these units ideal for residential and commercial applications.

MAIN FEATURES

- Supports 4- to 8-digit PIN credentials and 125 kHz EM type RFID cards and tags
- Smooth, attractive design, with all-weather indoor and outdoor operation
- Large, highly-visible blue backlit keypad

- 2 tri-colored LEDs and an integral sounder for programming and operation
- User friendly menu, based on keypad, LED and sounder indicators
- Back and cover optical tamper detection and output
- Default operation as a multi-format reader (Wiegand 26-Bit/Clock & Data)
- Automatically recognizes Rosslare's PS-x25T intelligent power supply family converting it into a 500-user standalone controller with secure relays

PROFESSIONAL GRADE FEATURES

- 8 selectable PIN transmission modes including options for Key Stream, Binary, Parity, and 3x4 Matrix
- Supports Wiegand or Clock & Data transmission formats
- Comes with a mounting and drilling label, security screw, and tool set to prevent unauthorized opening
- 60 cm (23.6 in.) shielded interface cable

ROSSLARE
SECURITY PRODUCTS

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

▪ Operating Voltage Range	Reader mode: 5 to 16 VDC from a standard controller Controller mode: PS-x25T series intelligent power supplies
▪ Input Current	Standby: 90 mA at 12 VDC Maximum: 130 mA at 16 VDC
▪ Proximity Card Reader	Maximum read range*: 45 mm (1.8 in.) Modulation: ASK at 125 kHz Compatible cards: All 26-Bit EM cards * Measured using Rosslare Prox Card AT-R14 or equivalent. Range also depends on electrical environment and proximity to metal.
▪ Tamper	Optical back tamper sensor, O.C. active low, 32 mA max. sink current

OPERATIONAL SPECIFICATIONS

▪ Keypad	3x4 keys for local programming and 4- to 8-digit PIN codes entry
▪ Design	Epoxy potted, fully-sealed in a rugged metal enclosure, blue backlit metal keys, highly strong construction. Suitable for extremely harsh environments.
▪ Audio/Visual	Two tri-color LED indicators, built-in buzzer

READER MODE

▪ LED Control	Dry contact, N.O.
▪ Facility Code	Programmable
▪ Read Card Format	Selectable Wiegand 26-Bit or Clock & Data
▪ PIN Code Formats	8 selectable formats, from 1- to 8-digit length PIN codes

CONTROLLER MODE
(available with PS-x25T series intelligent power supplies only)

▪ Capacity	500 users, dual code/card or code + card each
▪ User Levels	Normal, Secure, Master
▪ Security Modes	Normal, Bypass, Secure
▪ Outputs	Lock Strike output Auxiliary output (PS-x25T series)
▪ Inputs	REX (Request-to-Exit) Auxiliary/door monitor with 10 programmable modes

ENVIRONMENTAL SPECIFICATIONS

▪ Operating Environment	All weather, indoor and outdoor use, meets IP65
▪ Operating Temperature Range	-35°C to 66°C (-31°F to 151°F)
▪ Operating Humidity Range	0 to 95%

PHYSICAL SPECIFICATIONS

▪ Dimensions	120 x 76 x 21 mm (4.7 x 3 x 0.8 in.)
▪ Weight	480 g (1.1 lb)

SYSTEM COMPONENTS	AYC-Q64B is compatible with standard access controllers in Reader mode. With Rosslare's PS-x25T intelligent power supply series it automatically converts into a 500-user secure controller.
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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