AY-Q64B

Anti Vandal Backlit 3x4 PIN & Prox Reader

The new AY-Q64B features unique combination RFID proximity with metallic construction and shiny blue illuminated metal keys. Ideal for high traffic and harsh environments, where PIN code and RFID card access is required. This model is epoxy filled, designed to withstand the rigors of the outdoor environment, and has advanced programming options. This attractive looking 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-Q64B offers programmable PIN and proximity transmission formats, LED Control, and tamper detection, in order to provide extra security and flexibility.

Come rain or shine, this reader can handle the challenge, with its rugged metal housing and waterproof enclosure for maximum durability.

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 codes and RFID proximity card and tag credentials.
- Smooth, attractive design, with all-weather indoor and outdoor operation.
- Large, metallic blue illuminated 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.
- Selectable Wiegand 26 Bit or Clock & Data output formats.
- 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.

AY-Q64B Anti Vandal Backlit 3x4 PIN & Prox Reader

Product Specifications

ELECTRICAL CHARACTERISTICS	
• Operating Voltage Range:	5-16 VDC, from a regulated power supply.
• Input Current:	Standby: 80mA at 12 VDC Maximum: 128mA at 12 VDC
• LED Control:	Dry Contact, N.O.
• Proximity Card Reader:	Maximum read range*: 65mm (2.5") 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 32mA max sink current
OPERATIONAL	
• Keypad:	3x4 Blue illuminated Keys for PIN codes entry and local programming Door bell key ('*') function (with Rosslare controllers only)
• Facility code:	Programmable
• Output Formats:	Selectable Wiegand 26 Bits or Clock & Data
• 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 enclosure, highly strong construction, blue backlit metallic keys. Suitable for extremely harsh environments.
ENVIRONMENTAL	
• 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:	120mm x 76mm x 27mm (4.72" x 3" x 1.06")
• Weight:	410g (0.9 lbs)

System Components

The AY-Q64B 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-Q64B 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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