

AYC-Q54B

Convertible Backlit Anti-vandal PIN Reader

The weather-resistant and anti-vandal AYC-Q54B dual-application PIN credential reader is compatible with standard access controllers. When used with Rosslare's intelligent Secure Power Supplies, it converts into a 500-user secure access controller, designed to reduce stock levels. Blue backlit keys assist operation in low or no light conditions. With the internal sounder, AYC-Q54B provides superior accessibility.

General Description

This dual-application product has advanced reader features for wide compatibility with different controller types including multiple PIN transmission formats, LED control and tamper detection.

It can be converted into a secure 500-user access controller using the optional AC-C15TU intelligent control unit (automatically recognized).

AYC-Q54B has an elegant and anti-vandal metal design, free of sharp corners. It is fully epoxy potted thus highly resistive to dust, moisture and mechanical damage.

A user-friendly setup menu with LED and Sounder tones allows for a quick and easy setup.



Main Features

- 2 applications in one product architecture.
- 3-digit programmable facility code.
- Supports 4-digit to 8-digit PIN code credentials.
- Smooth attractive design, with all-weather indoor and outdoor operation.
- Blue backlit and anti-vandal metal construction.
- 2 LED and integral sounder for programming and operation.
- Optical tamper detection technology.
- 6-wire shielded interface cable.
- Door bell function (from "*" key) when used with Rosslare accessories.

PROFESSIONAL GRADE FEATURES

- 8 programmable PIN transmission modes including options for key stream, binary, parity, and 3x4 matrix.
- Supports Wiegand 26-Bit, or Clock & Data transmission formats to controller.
- Comes with a mounting and drilling label, security screw, and tool set to prevent unauthorized opening.
- UL-294 listed product.
- AYC-Q54B is manufactured in Rosslare's ISO: 9001 registered facility.

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Product Specifications

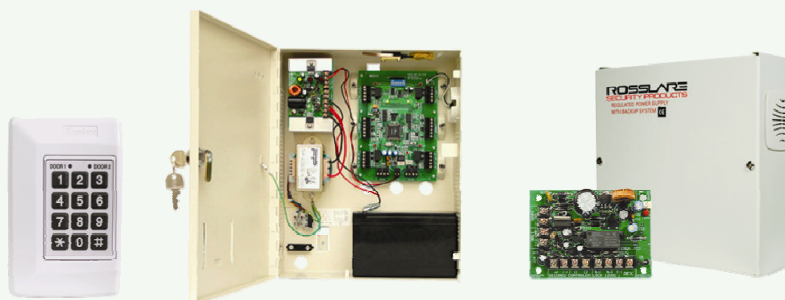
ELECTRICAL CHARACTERISTICS	
• DC Input Power:	5 to 16VDC, from a regulated power supply
• Input Current:	Standby: 65mA at 12VDC Maximum: 110mA at 16VDC
OPERATIONAL CHARACTERISTICS	
• Tamper Output:	Open Collector, active low 32mA max sink current. Optical technology
• PIN-Codes:	8 formats supported; from single key up to 8-digit PIN codes
• LED Control Input:	Dry Contact, Normally Open
ENVIRONMENTAL CHARACTERISTICS	
• Operating Environment:	Indoor and outdoor use – All Weather – Rated IP65
• Operating Temperature:	-30°C to 65°C (-22°F to 150°F)
• Operating Humidity:	0 to 95%
• RFI Protection:	> 20 V/m up to 1000 MHz
PHYSICAL CHARACTERISTICS	
• Dimensions:	120mm L x 76mm W x 21mm D (4.72 in. x 3.00 in. x 0.83 in.)
• Weight:	480 g (1.05 lbs)

For the best performance, we recommend using Rosslare accessories. **Backlit for Day and Night use.**

Dual Application Product

AYC-Q54B Reader is compatible with standard access controllers.

With Rosslare's intelligent power supplies it can function as a 500-user secure controller.



Additional Information

The AYC-Q54B is covered by Rosslare's 5-year Limited Product Warranty. For sales information or product documentation, please visit our website: <http://www.rosslaresecurity.com>

Model: AYC-Q54B



CFR47 Part 15b Certified



UL-294 Listed for Access Control System Units