

AC-Q74

Secure Piezo PIN & Proximity Standalone Controller

Rosslare's AC-Q74 Piezo Standalone Controller, used together with our PC-15T and PC-25T series Intelligent Power Supplies (IPS), is the ultimate in high-security lock strike control. The intelligent dual power supply ensures maximum security in potentially vulnerable scenarios.

Crafted from the most resilient materials, the AC-Q74 Piezo Standalone Controller's highly rigid metallic case is truly anti-vandal. This advanced stand-alone 500-user controller packs features such as a programmable lock strike, programmable PIN code length, and back and case tamper protection. Its non-moving Piezo surface can easily be disinfected in areas where high security and resistance to glue, oil, rain, ice, and snow are needed.

General Description

Easy to install and operate, the AC-Q74 Piezo Standalone Controller is an advanced 500-user controller featuring state-of-the-art FeatherTouch™ piezo-electric technology.

The unit is designed for use in conjunction with Rosslare's PC-15T, 25T series Intelligent Power Supplies (IPS), offering high-security lock strike control. The lock strike is connected separately to the power supply, ensuring that the lock functions even if the access control unit (ACU) is tampered with. If the data line to the ACU is cut, the lock strike is immediately activated.

Suitable for high security applications, the AC-Q74 Piezo Standalone Controller features three user levels, three operation modes, and a code search feature for easy management.

Versatile and user friendly, the AC-Q74 Piezo Standalone Controller has a built-in 125 KHZ, ASK type EM RFID proximity reader. It has a programmable lock strike release, siren, and alarm delay timers.



Main Features

- Advanced stand-alone 500-user controller
- Highly rigid metallic anti-vandal case with piezoelectric buttons
- Built-in FeatherTouch™ piezo-electric keypad for PIN code entry
- Request-to-Exit (REX) output from intelligent secure power supplies
- Internal buzzer for audible interface feedback
- Programmable PIN code length, 4-8 digits
- Super-sensitive keys
- Three operation modes: normal, bypass, secure
- Tough, UV-resistant, fully waterproof casing, meets IP-68
- Ideal for high security applications
- Installation kit included

PROFESSIONAL GRADE FEATURES

- Use in conjunction with Rosslare's PC-15T, 25T series IPS for high securing lock-strike control
- Three user levels (normal, secure, and master)
- Highly sensitive optical back and case tamper protection
- Two status/programming interface LEDs
- Programmable lock strike release, siren, and alarm delay timers
- Easy user management with code search feature
- Built-in 125 KHz ASK type EM RFID proximity reader

AC-Q74 Secure Piezo PIN + Proximity Standalone Controller



Product Specifications

ELECTRICAL SPECIFICATIONS	
• Operating voltage range	12 to 16V DC from secure power supply
• Maximum input current	Standby: 40 mA, not including attached devices Maximum: 130 mA, not including attached devices
• Auxiliary input (AUX)	One programmable input (N.O. or N.C.)
• Tamper output	20 mA sink open collector output
• Door strike relay output	Provided from secure power supply
• REX input (Door release)	Provided on secure power supply
• LED signaling	Two tri-colored status and programming LEDs
• Buzzer (audible)	Used for audible user interface when in operation and in programming modes
• Compatible cards	All 26-bit EM Cards
• Modulation	ASK at 125kHz
• Card read distance	65 mm (2.5 inch)
ENVIRONMENTAL SPECIFICATIONS	
• Operating environment	Weather-resistant, meets IP-65
• 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 SPECIFICATIONS	
• Dimensions (L x W x D)	120 x 76 x 27 mm (4.72 x 3 x 1 inch)
• Weight	410 g (0.9 lbs)
• Keypad structure	3 x4 keypad with proximity card

System Components

The AC-Q74 is compatible with Rosslare's door control systems and access control accessories, including indoor egress buttons and secure power supply units PC-25T and PC-25LT.



PC-25T



EX-01



PS-A15T



ME-02

Additional Information

The AC-Q74 is a high-quality electronic product developed and manufactured under ISO9001:2000. It is covered by the RSP 5-year Limited Product Warranty.

Please visit our website for documentation and sales information: www.rosslaresecurity.com

