

AC-Q41H

Anti-Vandal PIN Standalone Controller

This advanced 500 user standalone controller features anti-vandal metal keys for PIN code user credentials. AC-Q41H has a rugged metal construction ideal for high traffic environments. This model comes with removable terminal blocks, for quick installation, and has advanced programming options.

General Description

The AC-Q41H anti-vandal controller has a unique combination of metal keys and a built-in heater, which prevents key from freezing and keeps the unit functional in very low temperatures.

AC-Q41H has an attractive profile, free from sharp edges, ideal for installations where style and functionality are highly important.

This feature-rich unit offers all weather operation, with flexible programming capabilities including a unique "code search" for simple user management.

Non-volatile memory protects the storage of user database, modes and parameters.



Main Features

- 500 users can have PIN user credentials for granting access.
- Smooth attractive design, with anti-vandal construction.
- 3 operational Security Levels can be selected with special PIN codes.
- Supports up to 8-digit PIN codes, with timed wrong code lockout after several wrong attempts.
- 2 tri-colored LEDs and integral sounder for programming and operation.
- Removable terminal blocks are used for wiring to the unit.

PROFESSIONAL GRADE FEATURES

- Optical tamper detection output.
- Automatic internal heater prevents key freeze at -20°C (4°F).
- 10 programmable modes for auxiliary input and output (3 Amp Form C Relay.)
- 2 Amp Form C Lock Strike Relay, for fail-safe and fail-secure, with input for REX.
- Supports: Door Ajar, Forced, Shunt, Monitor, and Secure mode.
- Door bell key feature operation (from '*' bell key), with Rosslare's accessory BLD40.
- Wide range of low voltage AC/DC power input.

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Product Specifications

ELECTRICAL CHARACTERISTICS	
• Operating Voltage Range:	12 to 24VDC, from a regulated power supply 12 to 24VAC, from a transformer
• Input Current:	(Heater Off) Standby: 40mA, Maximum: 100mA, at 12VDC (Heater On) Standby: 520mA, Maximum: 580mA, at 12VDC
• Relay Outputs:	Lock Strike: 2A, N.O. and N.C. Auxiliary: 2A, N.O. and N.C.
• Tamper:	Optical back tamper sensor, O.C. active low 32mA max sink current
• Inputs:	REX: N.O. Dry Contact Auxiliary (In/Monitor): N.O. Dry Contact. 10 Programmable modes
OPERATIONAL CHARACTERISTICS	
• Capacity:	500 Users, single / dual code each
• Keypad:	3x4 Keys for local programming and 4 to 8 digit PIN codes entry
• User Levels:	Normal / Secure, Master
• Security Modes:	Normal, Bypass and Secure
• Audio/Visual:	Interface for BL-D40 (bell, chime and siren enunciator) Two tri-color LED indicators, Built-in sounder
• Design:	Rugged metal enclosure, highly strong construction, metallic keys. Suitable for extremely harsh environments.
ENVIRONMENTAL CHARACTERISTICS	
• Operating Environment:	Water resistant, suitable for outdoor use, IP54 rated
• Operating Temperature:	-20°C to 60°C (-4°F to 140°F). Built-in heater to prevent key freezing
• 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:	440g (1 lbs)

System Components

The BL-D40 alarm, chime and door bell enunciator / strobe unit as well as the EX-01 Push to Exit button can be interfaced to the unit.



Additional Information

The AC-Q41H is covered by Rosslare's 2-year Limited Product Warranty.

For sales information or product documentation, please visit our website:
<http://www.rosslaresecurity.com>.

