

## AC-Q41HB

### Anti-Vandal Backlit PIN Standalone Controller

**This advanced anti-vandal 500 user standalone controller features shiny blue illuminated metal keys for PIN code user credentials. AC-Q41HB has a rugged metal body ideal for installation in high traffic environments. This model comes with removable terminal blocks, allowing quick installation, and utilizes advanced programming options.**

### General Description

The AC-Q41HB anti-vandal controller has a unique combination of large backlit metal keys and built-in heater offering a higher level of user accessibility in low light and temperatures.

AC-Q41HB 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 PIN users
- Smooth attractive design, with anti-vandal body
- Highly-visible blue backlit keypad
- 3 operational Security Levels can be selected with special PIN codes
- Supports up to 8-digit PIN codes, with timed wrong code lockout after 3 wrong attempts
- 2 tri-colored LEDs and integral sounder for programming and operational indications
- Removable terminal blocks for unit wiring

### PROFESSIONAL GRADE FEATURES

- Optical tamper detection
- Automatic internal heater prevents key freeze at 4 °F (-20 °C)
- 10 programmable modes for auxiliary input and output (2 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 BL-D40 accessory
- Wide range of low voltage AC/DC power input

# AC-Q41HB Anti-Vandal Backlit PIN Standalone Controller



## 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: 70mA, Maximum: 130mA, at 12VDC (Heater On) Standby: 550mA, Maximum: 610mA, 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 Blue illuminated 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, extremely strong casing, metallic keys. Suitable for extreme harsh environments.
ENVIRONMENTAL CHARACTERISTICS	
• Operating Environment:	Water resistant, suitable for outdoor use, IP54 rated
• Operating Temperature:	-4°F to 140°F (-20°C to 60°C) 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:	4.72 x 3 x 1.06 inch (120 x 76 x 27 mm)
• Weight:	1 lbs (440g)

## System Components

The BL-D40 alarm, chime and door bell enunciator / strobe unit as well as the EX-06/16/07/17 Push to Exit buttons can be interfaced to the unit.



BL-D40



EX-06



EX-17

## Additional Information

The AC-Q41HB is covered by Rosslare's 2-year Limited Product Warranty.

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



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