

## AC-Q41SB

### Anti-Vandal Slim Backlit PIN Standalone Controller

This advanced 500 user anti-vandal standalone controller features shiny blue illuminated metal keys for PIN code user credentials. AC-Q41SB has a slim rugged metal construction ideal for installations in high traffic environments. This model is epoxy filled, designed to withstand the rigors of the outdoor environment, and has advanced programming options.

### General Description

The AC-Q41SB anti-vandal controller has a unique combination of large backlit metal keys and a built-in heater. It offers a higher level of user accessibility in low light areas.

AC-Q41SB has an attractive slim 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.
- 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 operation.
- Wide range of low voltage AC/DC power input.

### PROFESSIONAL GRADE FEATURES

- Optical tamper detection output.
- Automatic internal heater prevents key freeze at  $-20^{\circ}\text{C}$  ( $4^{\circ}\text{F}$ ).
- 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 accessory BLD40.

# AC-Q41SB Anti-Vandal Slim Backlit PIN Standalone Controller



## Product Specifications

<b>ELECTRICAL CHARACTERISTICS</b>	
• 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
<b>OPERATIONAL CHARACTERISTICS</b>	
• 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:	Epoxy potted, fully sealed in a rugged metal enclosure, highly strong construction, blue backlit metallic keys. Suitable for extremely harsh environments.
<b>ENVIRONMENTAL CHARACTERISTICS</b>	
• Operating Environment:	Water resistant, suitable for outdoor use, meets IP65
• 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
<b>PHYSICAL CHARACTERISTICS</b>	
• Dimensions:	120mm x 76mm x 22mm (4.72" x 3" x 0.85")
• Weight:	521g (1.18 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-Q41SB is covered by Rosslare's 5-year Limited Product Warranty.

For sales information or product documentation, please visit our website:

<http://www.rosslaresecurity.com>.

