

# 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
- Automatic internal heater prevents key freeze at -20°C (4°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 '\*' key), with Rosslare's BL-D40 accessory

# SPECIFICATIONS

## ELECTRICAL SPECIFICATIONS

■ Operating Voltage Range	12 to 24 VDC, from a regulated power supply 12 to 24 VAC, from a transformer
■ Input Current	(Heater Off) Standby: 70 mA, Maximum: 130 mA, at 12 VDC (Heater On) Standby: 550 mA, Maximum: 610 mA, at 12 VDC
■ 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 32 mA max sink current
■ Inputs	REX: N.O. Dry Contact Auxiliary (In/Monitor): N.O. Dry Contact, 10 programmable modes

## OPERATIONAL SPECIFICATIONS

■ 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, 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

## ENVIRONMENTAL SPECIFICATIONS

■ Operating Environment	Water resistant, suitable for outdoor use, IP65 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 SPECIFICATIONS

■ Dimensions	120 x 76 x 22 mm (4.72 x 3 x 0.85 in.)
■ Weight	521 g (1.18 lbs)

## SYSTEM COMPONENTS

The AC-Q41SB is compatible with the BL-D40 alarm, chime and door bell enunciator/strobe unit, as well as with the EX-06/16/07/17 Push to Exit buttons.

## PRODUCT WARRANTY

5-year Limited Product Warranty

## ABOUT ROSSLARE SECURITY

Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company's three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

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