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

PROFFESIONAL 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 '*' key), with Rosslare's BL-D40 accessory

ROSSLARE
SECURITY PRODUCTS

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

▪ Operating Voltage Range	12 to 24 VDC, from a regulated power supply 16 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	-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 SPECIFICATIONS

▪ Dimensions (L x W x H)	4.72 x 3 x 0.85 in. (120 x 76 x 22 mm)
▪ Weight	1.18 lbs (521 g)

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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