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 several 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 -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
- Wide range of low voltage AC/DC power input

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	Rugged metal enclosure, highly strong construction, metallic keys. Suitable for extremely harsh environments.

ENVIRONMENTAL SPECIFICATIONS

▪ Operating Environment	Water resistant, suitable for outdoor use, IP54 rated
▪ Operating Temperature Range	-20°C to 60°C (-4°F to 140°F), built-in heater to prevent key freezing
▪ Operating Humidity Range	0 to 95% (non-condensing)
▪ RFI Protection	> 20 V/m up to 1000 MHz

PHYSICAL SPECIFICATIONS

▪ Dimensions (L x W x H)	120 x 76 x 27 mm (4.72 x 3 x 1.06 in.)
▪ Weight	440 g (1 lb)

SYSTEM COMPONENTS	The AC-Q41HB 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	2-Year Limited Product Warranty

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Rosslare Security Products manufactures and markets high-quality security products via its worldwide offices and channel partners. Since 1980, Rosslare has offered high-quality systems for enterprise, small business, and residential applications. With Rosslare, you receive the best of all worlds: world-class product engineering and design; professional customer service spanning the globe; and the quality and affordability of a vertically integrated and self-owned manufacturing facility. Our expansive product range features much more than access control solutions and guard patrol management systems; we also offer applications software – such as License Plate Recognition, Time & Attendance, and DVR/alarm integration.

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