

# ROSSLARE

## AC-Q44, AC-T43, AC-S43

### Standalone, Self Contained, Vandal Resistant, Piezoelectric Keypad Controllers

The AC-Q44, AC-S43 and AC-T43 are vandal resistant proximity card (AC-Q44) and keypad access control unit suitable for external applications.

#### Features

- Built in Proximity Card Reader (125 KHz ASK Modulation) (AC-Q44)
- Built in piezoelectric keypad for PIN code entry
- Auxiliary Input & Auxiliary Output
- Eight Auxiliary Modes including:
  - Door Ajar
  - Forced Door
  - Shunt
  - Door Monitor
  - Normal / Secure
- Internal Buzzer
- Comes with security screw and security screw tool
- Two Status / Programming Interface LED's
- Three User Levels
- Three Modes of Operation
- "Code Search" feature that helps make maintaining user codes easier.
- Input for Request to Exit (REX) button.
- Comes with mounting template for easier installation.
- Built in Case and Back Tamper
- Bell, Chime, Siren, and Strobe features available with BL-D40.
- Bell, Chime, Siren, Battery Backup, Tamper Output (Open Collector 20mA) features available with PS-X41 (Output Power 1.2A) and PS-X42 (Output Power 1.8A).
- Programmable Siren Time
- Programmable Lock Strike Release Time
- Comes with Suppression Diode

#### Specifications

##### Electrical Characteristics

Operating Voltage Range:  
12 to 24V DC From a Regulated Power Supply

Maximum Input Current:  
Standby: 40mA Not including attached devices  
Max: 130mA Not including attached devices



AC-Q44

AC-T43

AC-S43

#### Electrical Characteristics (Continued)

Relay Outputs:  
Lock Strike Relay Form C, 5A  
Auxiliary Relay Form C, 5A

Inputs:  
REX N.O., Dry Contact  
Aux. Input (In / Mon) N.C., Dry Contact in Monitor Mode  
N.O., Dry Contact in Input Mode

LEDs  
Two Tri-colored LEDs

Built-In Proximity Reader (AC-Q44)  
Read Range\* 2.5" (65mm)  
Modulation ASK at 125kHz  
Compatible Cards All 26-Bit EM Cards

#### Environmental Characteristics

Operating Temperature:  
-25°F to 145°F (-31°C to 63°C)

Operating Humidity:  
0 to 95% (Non-Condensing)  
Suitable for outdoor use. (IP 65)

#### Mechanical Characteristics

Dimensions:  
4.72" (120mm) L x 3" (76mm) W x 1" (27mm) D