



## **PDQ Alarm Kit**

**Operation:** Alarm Kit is armed via clockwise rotation of the key. If armed, a siren sounds, and the red LED rapidly flashes when the touchbar is depressed. Factory default is continuous alarm. Rotate key counterclockwise to silence siren and disarm the unit.

**Alarm Mode:** Unit can be configured to auto silence the alarm after 7, 3 or 1 minute.

**Armed State:** Red LED blinks every 10-seconds to indicate unit is armed.

**Low Battery:** Siren will intermittently chirp when battery is low (<7VDC). Siren chirps regardless of arming state.

**Battery Life:** 1-year life expectancy in armed, unactuated state.

**Siren Intensity:** 95dB @ 4in

**Operating Temperature:** 0°C – 49°C

**Max Relative Humidity:** 85% (non-condensing)

**Included Decal:** “EMERGENCY EXIT ONLY – ALARM WILL SOUND”

**Latchbolt Monitor:** Standard on all SVR configurations

**Optional Rim Latchbolt Monitor:** Adds latchbolt monitor. When armed, either the touchbar or latchbolt monitor actuate siren.

**Optional Relay Output:** Adds a Single Pole Double Throw (SPDT) relay and hardwire power input to the unit. When armed, relay state changes when the touchbar is depressed. Can be used with access control systems. Dry contact SPDT rated 125VAC/60VDC with 9VDC coil

## **Bar Length:**

36” Device – 2” max cut

48” Device – 8” max cut

24” Device – N/A

## **Electrical Specifications:**

**Power Requirements:** One 9-VDC Alkaline Battery (included).

*Optional (with relay output):* 12-24VDC/VAC  $\pm$ 10% hardwired power. Battery can be used as emergency backup. It is protected from hardwired power.

## **Power Consumption:**

Typical: 18 $\mu$ A

During alarming: 18mA

**How to order:** Specify AL for alarm kit or ALHW alarm kit with optional hardwire and relay output

AL and ALHW alarm kits can be field installed in all 6300 and 6400 rim panic devices. Kits cannot be field installed in fire labeled devices; they must be factory installed.

## **Retrofit Kit Part Numbers:**

639063-36-689 – Alarm Kit w/o Relay- 3’ Silver

639063-48-689 – Alarm Kit w/o Relay- 4’ Silver

639063-36-613 – Alarm Kit w/o Relay- 3’ Dark Bronze

639063-48-613 – Alarm Kit w/o Relay- 4’ Dark Bronze

639064-36-689 – Alarm Kit with Relay- 3’ Silver

639064-48-689 – Alarm Kit with Relay- 4’ Silver

639064-36-613 – Alarm Kit with Relay- 3’ Dark Bronze

639064-48-613 – Alarm Kit with Relay- 4’ Dark Bronze

*\*Only available for Rim Devices:*

*\*Cylinder NOT included*

*\*Retrofit Kits use 1 1/8” Standard Mortise Cylinders – Consult Customer Service for other cylinders/lengths*

### PDQ Motorized Latch Retraction (MLR)

**Operation:** When power is applied the MLR retracts the latch(es) allowing the door to be opened. Duration of latch retraction is controlled by the access control system. Power can be continuously applied to electronically dog the exit device.

**Nonpolarized power leads**

**ISMC terminals are standard**

**Latch Retraction Speed:** ~300mS

**Input Voltage:** 24 VDC ± 10%

**Average Inrush Current:** 900mA

**Average Holding Current:** 200mA

**Bar Length:**

36" Device – 2" max cut

48" Device – 8" max cut

24" Device – N/A

**Retrofit Kit Part Number:** 639065

2-Conductor Wire Run	
Distance	Wire Gauge
70'	22
110'	20
180'	18
280'	16
450'	14
720'	12

### PDQ Electrified Trim

**Power Requirements:** 12-24VDC/VAC ±10%

**Average Inrush Current:**

12-24VDC/VAC: 1A for 1 second

**Average Holding Current:**

12-24VDC: 5mA after 30 seconds

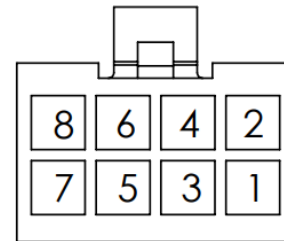
12-24VAC: 15mA after 30 seconds

Power must be applied for a minimum of 5-seconds

### Wiring Guide

Function	Wire Color	Optional ISMC Pin #
Power*	Black or Blue	1
Power*	Black or Blue	2
REX (COM)	Yellow	3
REX (N/O)	Red	4
REX (N/C)	Gray	5
LM (COM)	Black	6
LM (N/O)	Orange	7
LM (N/C)	Violet	8

\*Power wires are non-polar



Terminal insertion end shown for ISMC housing (PDQ P/N 88850)

### REX and LM Electrical Specifications:

Single Pull Double Throw (SPDT):

125VAC – 3A

30VDC – 3A