

**ES4300A-K1-T1**

- **Enhances Access Control**
 - * Violation of the controlled door is annunciated locally using an audible alarm
 - * Provides intrusion/door forced detection with audible alarm
- **Emergency Exits**
 - * Provides excellent security for fire exits and stairwells
- **Standard Features**
 - * Alarm override
 - * Bi-color LED
 - * Interfaces with remote key switch
 - * Remote LED output (used with ES450)
 - * Adjustable shunt delay 0-20 seconds
 - * Tamper Switch

Operation

The **ES4300A Series Exit Alarm (EA)** is used to monitor secured doors. Typically located near the door, it monitors door position and activates a sounder and alarm contact when a forced entry occurs. Once triggered, the unit remains in alarm until reset by integral key switch or remotely through a dry contact. The unit will automatically reset if the door is closed and the adjustable auto reset time has expired. This time is user adjustable from 0 seconds to 60 seconds or manual key reset and starts at the moment the alarm occurs.

The integral key switch may also be used to bypass the exit alarm, and allow passage for key holders.

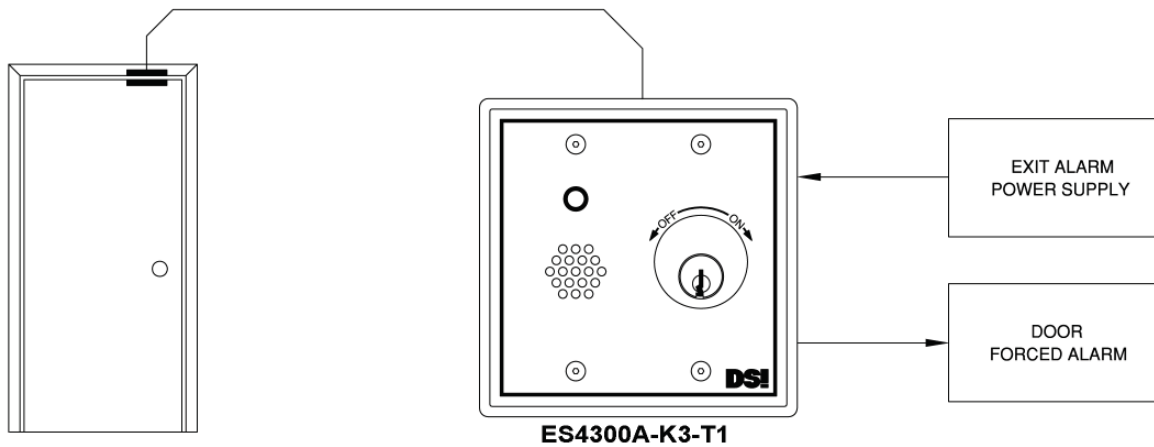
Electrical Specifications

| | |
|-----------------------|--|
| Power | 12 or 24 VAC/VDC @ 200 mA Jumper Selectable |
| Local Control | Key switch reset/bypass Tamper switch (T1) |
| Control Input | N/C door contact N/O remote reset/bypass |
| Control Output | N/O & N/C Intrusion/ Tamper Alarm Status LED |
| Adjustment | Auto Reset 0-60 seconds Adjustable Shunt Delay 0-20 seconds |
| Alarm | 103 dB @ 3 ft |

Mechanical Specifications

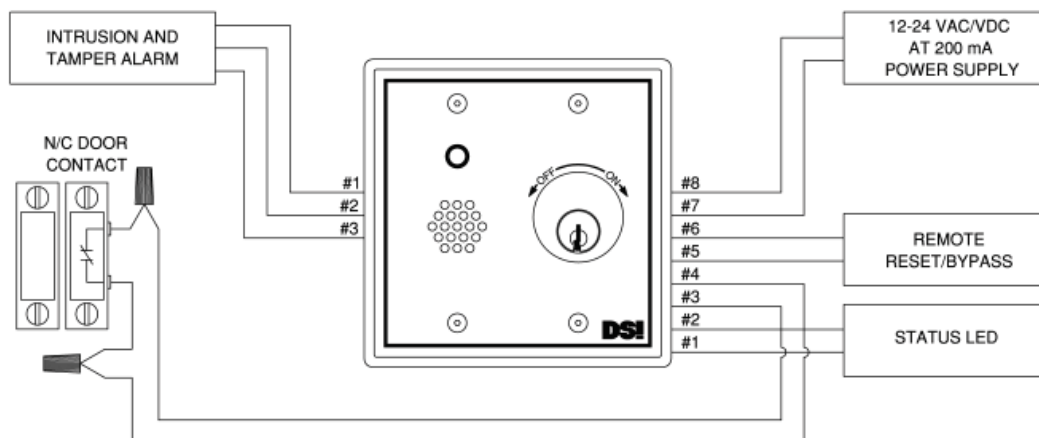
| | | |
|---------------------------|--|-------------------------------|
| Dimensions | ES4300A-K0 | 4.6"w x 4.6"h x 2.30"d |
| | ES4300A-K1 | 4.6"w x 4.6"h x 2.30"d |
| | ES4300A-K2 | 4.6"w x 4.6"h x 2.30"d |
| | ES4300A-K3 | 4.6"w x 4.6"h x 2.30"d |
| | ES4300A-K4 | 4.6"w x 4.6"h x 2.30"d |
| | ES4300A-K5 | 4.6"w x 4.6"h x 2.30"d |
| | ES4300A-K6 | 4.6"w x 4.6"h x 2.30"d |
| | ES4300A-K7 | 4.6"w x 4.6"h x 2.30"d |
| Key Switch Options | K0 | No key switch |
| | K1 | Double bit |
| | K2 | Barrel |
| | K3 | Rim hardware with cylinder |
| | K4 | Rim hardware without cylinder |
| | K5 | Medeco |
| | K6 | DPDT |
| K7 | Rim hardware with interchangeable cylinder | |
| Finish | Painted - DSI Beige | |

Exit Alarm Application



The **ES4300 Exit Alarm** provides an audible and alarm contact activation for a “Forced Door” violation. The alarm contact may be used to remotely annunciate the security violation. The ES450 Key Switch Control may be used to reset or bypass the exit alarm from a remote location, such as the opposite side of a secured door at stairwell exits. A bi-color LED on both units illuminates when they are reset, bypassed, or in alarm. When a violation is sensed, the ES4300A-K3-T1 latches into alarm. It may be reset by the key switch, a remote contact, or through the onboard auto reset function (user selectable).

Wiring Diagram



ES4300A Accessories

Surface Mount Boxes

DSI part number S2

- * Space inside for wiring
- * Mounts directly to wall surface
- * 2 gang

For specifications see accessories page 1

Door Contact

DSI part number DC/HS30, DC/SD80

- * Surface mount or recessed
- * White

For specifications see accessories page 2, 3

Power Supply

DSI part number PS/AC16

- * Basic surge protection
- * LED power indicator

For specifications see accessories page 5

Extra Keys

DSI part number K-1

- * Double bit key
- * 2 keys included

DSI part number K-2

- * Barrel key
- * 2 keys included

DSI part number K-3

- * Rim cylinder key
- * 1 key included

DSI part number K-5

- * Medeco key
- * 1 key included

DSI part number K-6

- * DPDT
- * 2 keys included

For specifications see accessories page 6

ES4300A Options

Key Switch Options

- * K0 No key switch
- * K1 Double bit
- * K2 Barrel
- * K3 Rim hardware with cylinder
- * K4 Rim hardware without cylinder
- * K5 Medeco
- * K6 DPDT
- * K7 Rim hardware with interchangeable cylinder