ES4200-K0-T1 Exit Alarm Configuration

Supervised Alarm Door

Specifications: ES4200
Power: 12-24 VAC/VDC at (250ma)
Output Relays: N/C & N/O contact 1000ma at 30 VDC
Horn Volume: Selectable 96db or 103 db

Supervision Enable Jumper placement
Use 1K OHM resistors on door switch

Key Switch “N/O Dry contact”

Door Switch DC/HS30 Sold Separately

1 Gang back box 2.5" deep

LED

1K OHM Resistor

ES450-K1 Remote Key Switch Sold Separately

K1 Key (Side View)

Zone 1
Zone 2
Zone 3
Zone 4

Note: Connect all unused zone wires together

1 Gang back box 2.5" deep

Zone wires together

Power Supply: 250mA

12 VDC 150mA Power Supply Sold Separately

12-24 VAC/VDC 250mA Power Supply Sold Separately

ES610 Alarms when the zone contacts open Located at the guard desk Sold Separately

Wire Gauge: 22 AWG = Signal wires 22 AWG = Power wires (Power runs over 50 feet use 18 AWG)

Note: Suggested Power Supply PS/DC12 PS/AC16

5 Second Factory default 5 Second Factory default 5 Second Factory default

SET Auto Reset Alarm Delay Silent Time

0 0 Sec 0 Sec 0 Sec 3 Min
1 3 Sec 3 Sec 3 Sec 3.5 Min
2 5 Sec 5 Sec 5 Sec 4 Min
3 7 Sec 7 Sec 7 Sec 4.5 Min
4 10 Sec 10 Sec 10 Sec 5 Min
5 12 Sec 12 Sec 12 Sec 6 Min
6 15 Sec 15 Sec 15 Sec 7 Min
7 20 Sec 20 Sec 20 Sec 8 Min
8 30 Sec 30 Sec 25 Sec 9 Min
9 45 Sec 45 Sec 30 Sec 10 Min
A 1 Min 1 Min 35 Sec 20 Min
B 2 Min 2 Min 45 Sec 30 Min
C 3 Min 3 Min 1 Min 40 Min
D 4 Min 4 Min 1.5 Min 50 Min
E 5 Min 5 Min 2 Min 60 Min
F Manual Infinite 2.5 Min 90 Min

Door ZONE 1

DSI

ES4200-K0-T1 (Front view)

ES4200-K0-T1 (Rear view)
ES4200-K0-T1 Magnetic Lock Configuration

**Push Button REX**

**Specifications:** ES4200
- Power: 12-24 VAC/VDC at (250ma)
- Output Relays: N/C & N/O contact 1000ma at 30 VDC
- Horn Volume: Selectable 96db or 103 db

**Access Control**
- Sold Separately

**Lock Relay**
- 12-24 VAC/DC Output

**Door Switch**
- DC/HS30
- Sold Separately

**Card Reader**
- (Entry side)

**Door**
- ZONE 1

**ES4200-K0-T1**
- (Front view)

**ES4200-K0-T1**
- (Rear view)

**Voltage Sense Mode Jumper placement**

**Notes:**
- **Wire Gauge:**
  - 22 AWG = Signal wires
  - 22 AWG = Power wires
  - (Power runs over 50 feet use 18 AWG)

**Note:**
- **Suggested Power Supply**
  - PS/DC12
  - PS/AC16

**12-24 VAC/VDC**
- 250mA Power Supply
- Sold Separately

**Configuration**
- 2 Gang back box X 2.5" deep

**Factory default**

- 5 Second

**Alarm delay**

- 0 Sec
- 0 Sec
- 5 Sec
- 5 Sec
- 7 Sec
- 7 Sec
- 10 Sec
- 10 Sec
- 12 Sec
- 15 Sec
- 15 Sec
- 20 Sec
- 20 Sec
- 25 Sec
- 30 Sec
- 45 Sec
- 60 Min
- 90 Min

**Reset/Bypass**
- Voltage Sense -
- Voltage Sense +
- LED Green Out
- LED Red Out
- NC Door Contact
- No Remote Reset/Bypass

**DOOR SUPERVISION**
- 2 Gang back box X 2.5" deep

**Factory default**

- 5 Second
- Factory default

**SET**

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<th>Auto Reset</th>
<th>Alarm Delay</th>
<th>Silent Time</th>
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<td>F</td>
<td>Manual</td>
<td>Infinite</td>
<td>90 Min</td>
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</tbody>
</table>

**TS-1**

- Power Supply 12-24 VAC

**TS-2**

- Power Supply 12-24 VAC

**DSI**

- Designed Security, Inc.
- 1-800-272-3555

**TS-1**

- 5 Second
- Factory default
- Factory default

- 5 Second
- Factory default
- Factory default
ES4200-K0-T1 Door Strike Configuration

**Push Button Strike REX**

Specifications: ES4200
- Power: 12-24 VAC/VDC at (250ma)
- Output Relays: N/C & N/O contact 1000ma at 30 VDC
- Horn Volume: Selectable 96db or 103 db

**Access Control**
- Sold Separately

**Lock Relay**
- 12-24 VAC/DC Output

**Door Switch**
- DC/HS30
- Sold Separately

**Card Reader**
- (Entry side)

**Door**
- ZONE 1

**Door Switch (Side View)**
- K1 Key

**ES440-B2-C3**
- REX
- Located on the exit side of the door
- Sold Separately

**Note:**
- Wire Gauge: 22 AWG = Signal wires
  22 AWG = Power wires (Power runs over 50 feet use 18 AWG)

**Note:**
- Suggested Power Supply
  - PS/DC12
  - PS/AC16
  - Sold Separately

**12-24 VAC/DC Power Supply**
- 250mA

**Voltage Sense Mode Jumper Placement**

**Voltage Sense Mode**
- Power:
  - 12-24 VAC/VDC at (250ma)
- Output Relays:
  - N/C & N/O contact 1000ma at 30 VDC
- Horn Volume:
  - Selectable 96db or 103 db

**Factory default**
- 5 Second
- Factory default
- 5 Second
- Factory default
- 5 Second
- Factory default

**Voltage Sense Mode**
- Voltage Sense
  - Supply
  - Jumper placement

**Silent Time**
- Normal
  - 0 Sec
  - 1 Sec
  - 2 Sec
  - 3 Sec
  - 4 Sec
  - 5 Sec
  - 6 Sec
  - 7 Sec
  - 8 Sec
  - 9 Sec
  - 10 Sec
  - 11 Sec
  - 12 Sec
  - 13 Sec
  - 14 Sec
  - 15 Sec
  - 16 Sec
  - 17 Sec
  - 18 Sec
  - 19 Sec
  - 20 Sec
  - 21 Sec
  - 22 Sec
  - 23 Sec
  - 24 Sec

**Power Supply**
- 12-24 VAC/DC
- 250mA

**DSI**
- Designed Security, Inc.
- 1-800-272-3555