



# RESTROOM KIT

FOR SINGLE OCCUPANCY NORMALLY LOCKED / UNLOCKED RESTROOMS



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## CERTIFICATIONS



## DESCRIPTION

BEA's **RESTROOM KIT** is designed for both normally locked and normally unlocked single occupancy restrooms.

The kit's control center is the **BR3-X**, a programmable 3-relay advanced logic module featuring restroom control functionality. The **BR3-X** can also power an electric locking device by using the WET output on Relay 1.



### Advanced Logic With Restroom Functionality

BR3-X, 13 function advanced logic module, controls locking and sequencing functionality

### Highly Visible And Audible

Occupied Indicator with LED

### Visual Lock Confirmation

Push to Lock Button with LED

### Door Position Reset For Proper Functionality

Door position switch ensures proper positioning of door before resetting the system

### Code Compliant

Ontario Regulation 368/13 compliant

## APPLICATIONS



To Enter Restroom



To Exit Restroom



## TECHNICAL SPECIFICATIONS

### BR3-X

|                             |   |
|-----------------------------|---|
| <b>Supply Voltage</b>       | 12 – 24 VAC / VDC ±10%                          |
| <b>Power Consumption</b>    | 30 – 130 mA; DRY Output                         |
| <b>Temperature Range*</b>   | -15 – 150 °F                                    |
| <b>Relay Hold Time</b>      | Up to 60 seconds per relay                      |
| <b>Delay Between Relays</b> | Up to 60 seconds with ¼, ½ and ¾ second options |
| <b>Housing Material</b>     | ABS Plastic                                     |
| <b>Input Specifications</b> |   |
| Inputs 1, 2, 3, 4           | DRY contact                                     |
| WET Input                   | 5 – 24 VAC / VDC ±10%                           |

### Contact Rating

|               |                       |
|---------------|-----------------------|
| Relay 1 (DRY) | 3 A @ 24 VAC / 30 VDC |
| Relay 1 (WET) | 1 A                   |
| Relay 2 (DRY) | 3 A @ 24 VAC / 30 VDC |
| Relay 3 (DRY) | 1 A @ 24 VAC / 30 VDC |

**Dimensions** 5 ½" (W) x 2 ½" (H) x 1" (D)

### 10LEDSOUNDER

|                       |   |
|-----------------------|---|
| <b>Voltage</b>        | 12 – 24 VAC / VDC ±10%                              |
| <b>Indication</b>     | Audible buzzer (selectable on / off) and visual LED |
| <b>Text Inserts</b>   | 10  |
| <b>Material</b>       | Stainless steel & PC                                |
| <b>Certifications</b> | FCC   |

### 10PTLBUTTON

|                                 |               |
|---------------------------------|---------------|
| <b>Switch</b>                   | SPST          |
| <b>Voltage Max.</b>             | 125 / 250 VAC |
| <b>Current Max.</b>             | 10 A          |
| <b>Power Max.</b>               | 373 W         |
| <b>Electrical Configuration</b> | SPDT          |

### High Volt Bulb

|               |                   |
|---------------|-------------------|
| Input Voltage | 15 – 24 VAC / VDC |
| Current       | 0.06 A            |

### Low Volt Bulb

|               |                   |
|---------------|-------------------|
| Input Voltage | 12 – 14 VAC / VDC |
| Current       | 0.19 A            |

**Dimensions** 2 13/25" (W) x 4 13/25" (H) x 3/4" (D)

### 10SWITCH1084

|                                 |               |
|---------------------------------|---------------|
| <b>Switching Voltage Max.</b>   | 30 VAC / VDC  |
| <b>Switching Current Max.</b>   | 0.25 A        |
| <b>Power Max.</b>               | 3.0 W         |
| <b>Electrical Configuration</b> | SPDT          |
| <b>Loop Type</b>                | Open or Close |
| <b>Gap Distance Max.</b>        | 2"            |

\*If powered by AC voltage and using WET output to convert to DC voltage and current draw of device is greater than 0.9 A, the upper temperature range is 130 °F

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## PRODUCT SERIES



**10RESTROOMKIT**  
Restroom kit



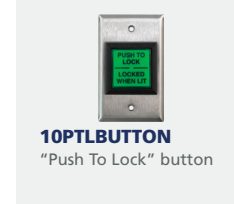
**10BR3X**  
3-Relay logic module



**10EMERGENCYKIT**  
Emergency add-on kit



**10LEDSOUNDER**  
Occupied indicator



**10PTLBUTTON**  
"Push to Lock" button



**10SWITCH1084**  
Door position switch



**10STRIKERE**  
Rim exit electric strike



**10STRIKECU**  
Universal cylindrical electric strike



**10PS12-24**  
UL / ULC Listed power supply



**1012VAC**  
12 VAC (20 VA)  
transformer



**1024VAC**  
24 VAC (40 VA)  
transformer