



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

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

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

10PTLBUTTON

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

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



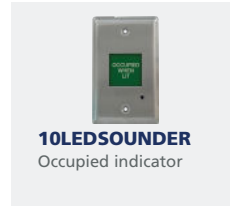
10RESTROOMKIT
Restroom kit



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