**BR3-X**

PROGRAMMABLE 3-RELAY LOGIC MODULE

**DESCRIPTION**

BEA’s **BR3-X** provides both simple and advanced logic controls.

Functions include: timer, ratchet / latching, inhibitor, 2 relay sequencer + inhibitor, 2 relay sequencer + door position deactivation timer, 3 relay sequencer + “1-shot”, 3 relay sequencer with “independent relay”, interlock timer, interlock ratchet / latching, 2 way 2 relay sequence, normally locked restroom, normally unlocked restroom, 3 relay sequencer + “day / night mode”.

Common uses for the **BR3-X** include automatic pedestrian doors, access control, industrial automation and single-occupancy restrooms.

**Customizable**

Versatility with 13 programmable logic functions for the BR3-X

**Intuitive Programming**

Two-button programming combined with dual seven-segment display provides simple setup

**Integrated Relays**

Two 3-AMP relays and one 1-AMP relay, all with built-in surge suppression, eliminates the need for external components when installing some electric locking devices

**On-Board Power**

WET output with AC / DC voltage for powering an electric locking device directly from the module
APPLIED IN CASE OF AN EMERGENCY
PUSH EMERGENCY BUTTON
AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE

BR3-X FUNCTION DESCRIPTION

10 Timer
11 Ratchet / Latching
22 2 Relay Sequence + Inhibitor
28 2 Relay Sequence + Door Position
29 Deactivation Time
36 3 Relay Sequence + ‘1-shot’
37 3 Relay Sequence with ‘Independent Relay’
50 Interlock Timer
55 Interlock Ratchet / Latching
65 2-Way, 2 Relay Sequence

nL Normally Locked Restroom
nU Normally Unlocked Restroom
dN 3 Relay Sequence + ‘Day / Night Mode’
00 Disable

APPLICATIONS

Sliding
Swinging
Gates & Barriers
Request-To-Exit
Low Energy
Restroom Emergency
Day / Night Mode

TECHNICAL SPECIFICATIONS

Supply Voltage 12 – 24 VAC / VDC ±10%
Power Consumption 30 – 130 mA; DRY Output
Temperature Range* -15 – 150 °F
Dimensions 5 ½” (W) × 1” (H) × 2 ½” (D)
Relay Hold Time Up to 60 seconds per relay
Delay Between Relays Up to 60 seconds per relay with ¼, ½ and ¾ second options
Housing Material ABS Plastic

Input Specification

Inputs 1, 2, 3, 4
DRY contact
5 – 24 VAC / VDC ±10%
WET Input

Relay Ratings

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

Contact Rating

Relay 1 (DRY)
Relay 1 (WET)
Relay 2
Relay 3

Input Specification

WET Input

Product Series

10BR3X 3 Relay Logic Module
10RESTROOMKIT Restroom Kit
10EMERGENCYKIT Emergency Add-on Kit

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