BR3-X

PROGRAMMABLE 3-RELAY LOGIC MODULE



PRIMARY APPLICATIONS



1. BR3-X Receives Input
2. BR3-X Relay 1 Releases Maglock
3. BR3-X Relay 2 Activates Door



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.

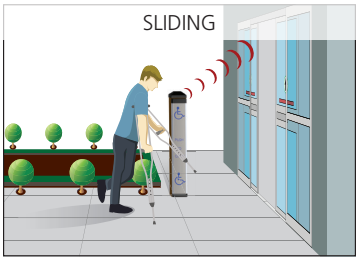
FEATURES & BENEFITS

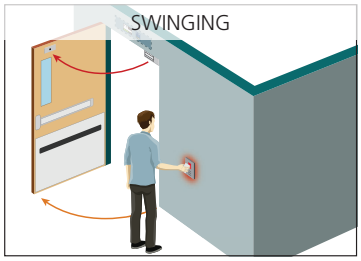
- Versatility with 13 programmable logic functions for the BR3-X
- Two-button programming combined with dual seven-segment display provides simple setup
- Two 3-AMP relays and one 1-AMP relay, all with built-in surge suppression, eliminates the need for external components when installing some electric locking devices
- WET output with AC / DC voltage for powering an electric locking device directly from the module

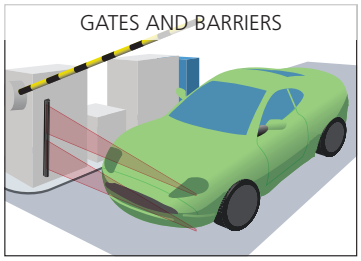
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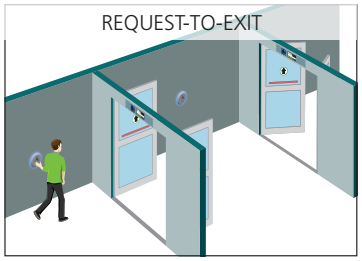
Customer Service: 800.523.2462
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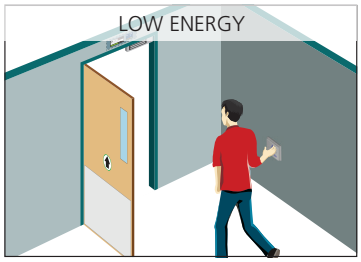
APPLICATIONS



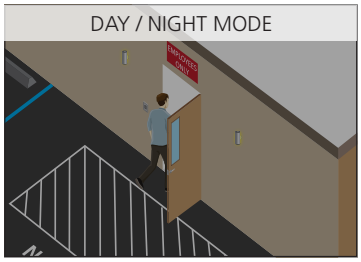












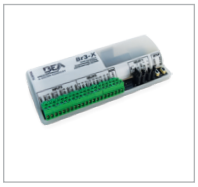
FUNCTION DETAILS

Br3-X FUNCTION	DESCRIPTION
10	Timer
11	Ratchet / Latching
22	2 Relay Sequence + Inhibitor
28	2 Relay Sequence + Door Position
29	Deactivation Timer
36	3-Relay Sequencer + '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 Sequencer + 'Day / Night mode'
00	Disable

TECHNICAL SPECIFICATIONS

Supply Voltage	12 – 24 VAC / VDC ±10%
Power Consumption	30 – 130 mA; DRY Output
Temperature Range	–15 °F – 150 °F* *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
Dimensions	5.2 in (W) × 1.0 in (H) × 2.2 in (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
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	3 A @ 24 VAC / 30 VDC
Relay 3	1 A @ 24 VAC / 30 VDC

RELATED PRODUCTS



10BR3X
3-RELAY LOGIC MODULE



10RESTROOMKIT
RESTROOM KIT



10EMERGENCYKIT
EMERGENCY ADD-ON KIT

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