Br3

PROGRAMMABLE 3-RELAY LOGIC MODULE



PRIMARY APPLICATIONS



1. Br3 Receives Input
2. Br3 Relay 1 Releases Maglock
3. Br3 Relay 2 Activates Door

DESCRIPTION

BEA's Br3 simple logic module is capable of command and control timing, delay and hold commands, and device sequencing. For ease of use, it is programmable with 12 unique relay functions.

The module will accept up to four DRY inputs or one WET input. The WET input will allow an activation device that provides an output voltage to trigger the Br3.

The Br3 can be configured to provide WET or DRY outputs. The WET output allows the Br3 to power devices such as a maglock or an electric strike.

The Br3 is commonly used, but not limited to, automatic door logic, request to exit functions, vestibule/interlock/airlock/security sequencing and many other applications.

FEATURES & BENEFITS

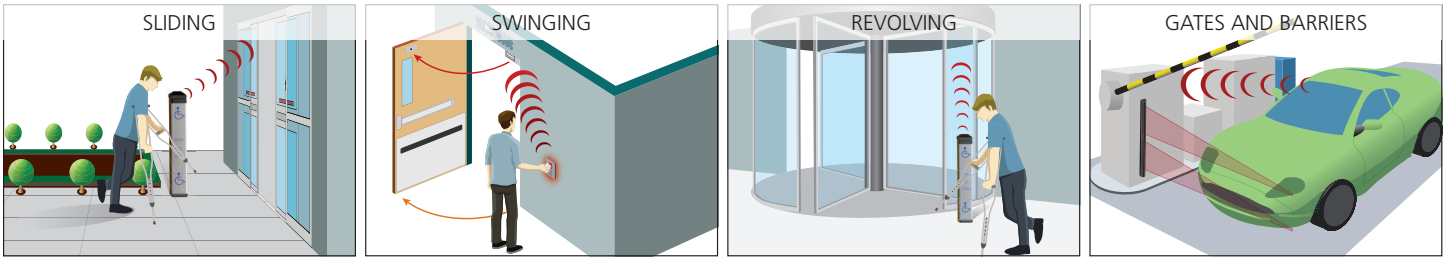
- 12 programmable logic functions provide versatility across various applications
- Easy 2-button programming with user-friendly, dual seven-segment displays
- Contains two 3-AMP and one 1-AMP relays
- Built-in surge suppression in all 3 relays eliminating the need for external components when installing electric locking devices
- Capable of providing a WET output with AC or DC voltage

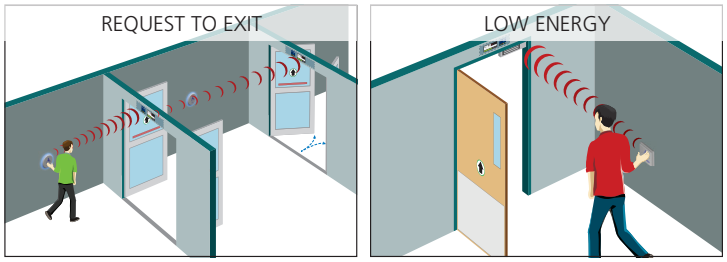
A HALMA COMPANY

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APPLICATIONS





FUNCTION DETAILS

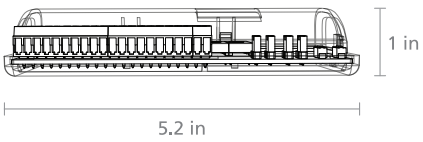
FUNCTION	SUBJECT
10	Simple Timer
11	Ratchet / Latching
21	Inhibitor with Door Position Input
22	2 Relay Sequence Inhibitor with Door Position Input
25	2 Relay Sequence
28	2 Relay Sequence with Door Position Input
29	Relay 1 Deactivation Timer
35	3 Relay Sequence
50	Interlock Timer with Door Position Inputs
55	Interlock Ratchet with Door Position Inputs
65	2-Way, 2 Relay Sequence
75	2 Relay Sequence

TECHNICAL SPECIFICATIONS

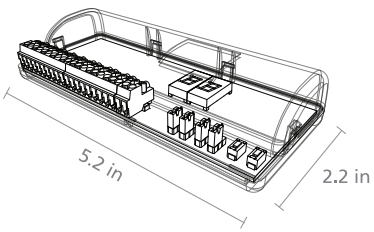
Supply Voltage	12 to 24 V AC/DC +/- 10%
Power Consumption	30 to 130 mA; DRY Output
Temperature Range	-15°F to 150°F
Dimensions	5.2 in × 2.2 in × 1.0 in
Relay Hold Time	Up to 60 seconds per relay
Delay Between Relays	Up to 60 seconds per relay with 1/4 and 1/5 second options
Housing Material	ABS Plastic
Input Specification	1 to 4; DRY Contact
WET Input	5 to 24 V AC/DC
Contact Rating DRY	
Relay #1	3 A @ 24 VAC / 30 VDC
Relay #2	3 A @ 24 VAC / 30 VDC
Relay #3	1 A @ 24 VAC / 30 VDC
Contact Rating WET	
Relay #1	1 A

DIMENSIONAL DRAWINGS

FRONT VIEW



RIGHT ANGLE



PRODUCTS SERIES



10BR3
3-RELAY LOGIC MODULE

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