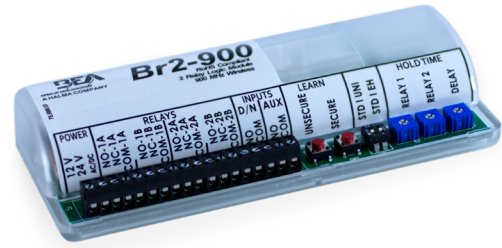




BR2-900

2-RELAY LOGIC MODULE + 900 MHZ WIRELESS TECHNOLOGY



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TECHNOLOGY



CERTIFICATIONS



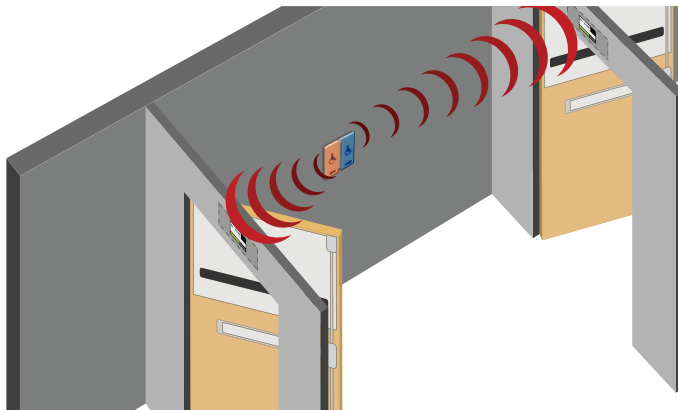
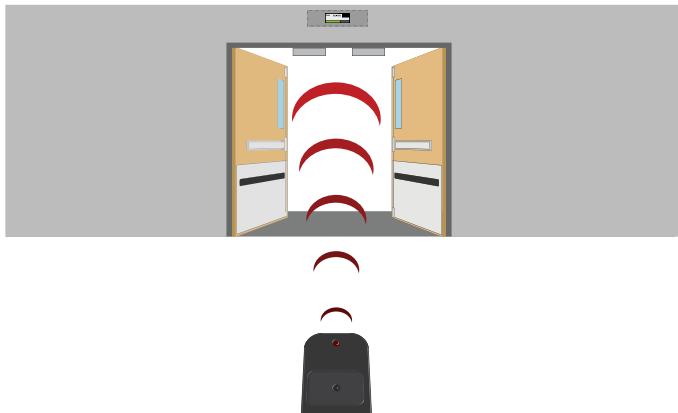
DESCRIPTION

BEA's **BR2-900** is a 2-relay logic module with built-in 900 MHz wireless technology. Designed to provide wireless MC25 functionality, it is ideal for applications requiring sequencing of electric locking devices and automatic door activation.

Additionally, Day / Night Mode on the **BR2-900**'s wireless receiver enables the user to designate "secure" or "unsecure" access for controlled entry points. Push plates with wireless transmitters can be programmed to operate during specific time periods (controlled via DRY Day / Night Input).

The **BR2-900**'s Universal Mode, an industry first, allows prelearned **900 MHZ UNIVERSAL TRANSMITTER** to function directly out of the box...no programming required, saving time and enhancing accessibility!

The **BR2-900** is compatible with all existing BEA 900 MHz transmitters and devices, plus the **900 MHZ UNIVERSAL TRANSMITTER**.



Flexible

Sequenced or simultaneous relay activation for application flexibility

Convenient

2-AMP relays allow the direct release of an electric locking device wirelessly, eliminating the need for a separate logic module or isolation relay

Feature Rich

Extended Hold Mode allows wireless push plates to function like hardwired push plates (if push plate is held, relay does not time out)

Saves Time And Money

Wireless functionality eliminates the need to run input wires directly to the logic module, saving both time and money

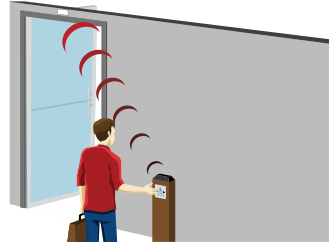
APPLICATIONS



Wireless MC25



Wireless Day / Night Mode



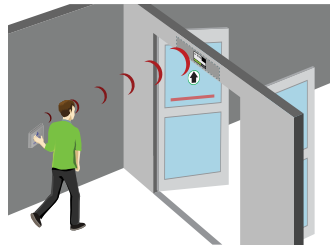
Wireless Actuators



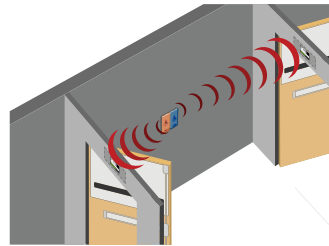
Multiple Doors Per Transmitter



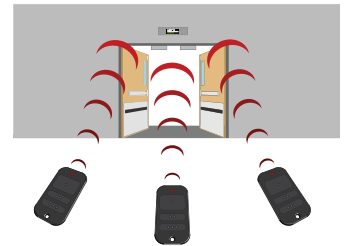
Limited Mobility



Astragal



Retrofit Applications



Universal Mode

TECHNICAL SPECIFICATIONS

Supply Voltage	12 – 24 VAC/VDC ±10%
Current Consumption	45 mA DC 75 mA AC
Frequency	908 – 918 MHz (frequency hooping)
Emitted Radio Power	-25 dBm (TX)
Power Consumption	0.5 – 1.5 W
Programmable Transmitters Per Receiver	75 (unlimited for 900 MHz Universal Transmitter)
Temperature Rating	-22 – 158 °F (-30 – 70 °C)
Input	Day / Night (24 hr) AUX
Contact Rating	Relay 1 DPDT / Relay 2 DPDT 2 A @ 30 VDC or 2 A @ 24 VAC
LEDs	blue Relay 1 Activation white Relay 2 Activation red Radio Frequency / Learn tri-color Signal Strength
Certification	FCC, IC
Dimensions	5 1/8" (W) × 1" (H) × 2 1/8" (D)
Housing	ABS (white translucent)

PRODUCT SERIES



10BR2-900
2-Relay logic module



10TD900HH1U
Universal transmitter



10TD900PB
Hardwired transmitter



10TD900TR
Retrofit transmitter for upgrading push plates to touchless solutions



10TD900HH1
1-Button handheld transmitter



10TD900HH2
2-Button handheld transmitter



10TD900HH3
3-Button handheld transmitter



10TD900HH4
4-Button handheld transmitter



900 MHZ PANTHER FAMILY
Push plates with integrated wireless



10LPR36-900
Wireless full-length actuator

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