



## BR2-900

2-RELAY LOGIC MODULE + 900 MHZ  
WIRELESS TECHNOLOGY



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### TECHNOLOGY



### CERTIFICATIONS



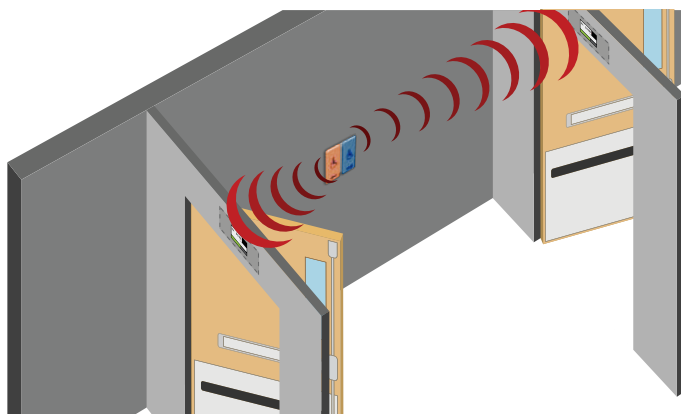
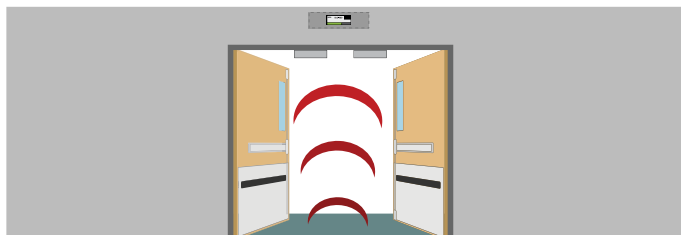
### DESCRIPTION

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

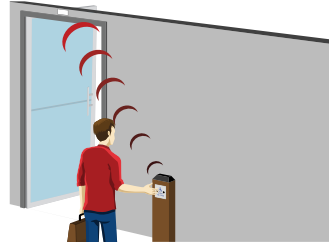
## APPLICATIONS



Wireless MC25



Wireless Day / Night Mode



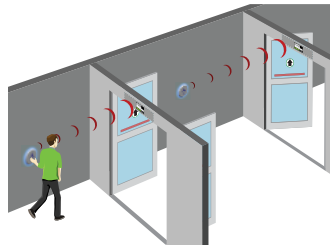
Wireless Actuators



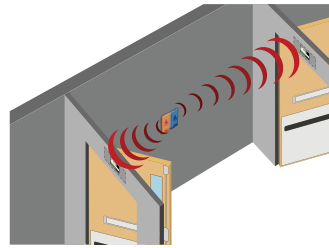
Multiple Doors Per Transmitter



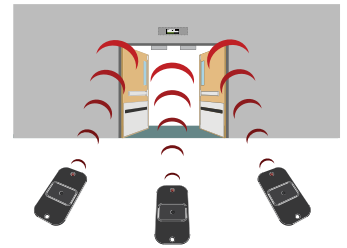
Limited Mobility



Wireless Sequencing



Retrofit Applications



Universal Mode

## TECHNICAL SPECIFICATIONS

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

## PRODUCT SERIES

 <p><b>10BR2-900</b> 2-Relay logic module</p>	 <p><b>10TD900HH1U</b> Universal transmitter</p>	 <p><b>10TD900PB</b> Hardwired transmitter</p>
 <p><b>10TD900TR</b> Retrofit transmitter for upgrading push plates to touchless solutions</p>	 <p><b>10TD900HH1</b> 1-Button handheld transmitter</p>	 <p><b>10TD900HH2</b> 2-Button handheld transmitter</p>
 <p><b>10TD900HH3</b> 3-Button handheld transmitter</p>	 <p><b>10TD900HH4</b> 4-Button handheld transmitter</p>	 <p><b>900 MHz PANTHER FAMILY</b> Push plates with integrated wireless</p>
 <p><b>10LPR36-900</b> Wireless full-length actuator</p>		

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