



# LOGIC MODULE COMPARISON



## BR3

Programmable 3-relay  
logic module



## BR3-X

Programmable 3-relay  
advanced logic module  
& restroom controller



## BR2-900

2-relay logic module  
with built-in 900 MHz  
wireless technology

## ▼ SOLUTION COMPARISON

	BR3	BR3-X	BR2-900
<b>TECHNICAL</b>			
Current Consumption	30 – 130 mA ('DRY' Output) Selected	30 – 130 mA ('DRY' Output) Selected	45 mA DC / 75 mA AC
Temperature Range	-15 – 150 °F (-26 – 65 °C)	-15 – 150 °F (-26 – 65 °C)	-22 – 158 °F (-30 – 70 °C)
Inputs	Input 1: 'DRY' Contact Input 2: 'DRY' Contact Input 3: 'DRY' Contact Input 4: 'DRY' Contact 'WET' Input: 5 – 24 VAC / VDC ±10%	Input 1: 'DRY' Contact Input 2: 'DRY' Contact Input 3: 'DRY' Contact Input 4: 'DRY' Contact 'WET' Input: 5 – 24 VAC / VDC ±10%	Input 'DAY-NIGHT': 'DRY' Contact Input 'AUX': 'DRY' Contact  [NO WET INPUT]
Outputs	Relay 1 'DRY': 3 A @ 24 VAC / 30 VDC Relay 1 'WET': 1 A Relay 2 'DRY': 3 A @ 24 VAC / 30 VDC Relay 3 'DRY': 1 A @ 24 VAC / 30 VDC	Relay 1 'DRY': 3 A @ 24 VAC / 30 VDC Relay 1 'WET': 1 A Relay 2 'DRY': 3 A @ 24 VAC / 30 VDC Relay 3 'DRY': 1 A @ 24 VAC / 30 VDC	Relay 1A / 1B: 2 A @ 24 VAC / 30 VDC Relay 2A / 2B: 2 A @ 24 VAC / 30 VDC  [NO WET OUTPUT]
Housing	Gray Translucent ABS	White Translucent ABS	Clear Translucent ABS
<b>FUNCTIONALITY</b>			
Simple Timer	Function 10	Function 10	Use 1 relay
Ratchet/Latching	Function 11	Function 11	—
Inhibitor w/ Door Position Input	Function 21	Function 22	—
2 Relay Sequence Inhibitor w/ Door Position Input	Function 22	Function 22	—
2 Relay Sequence	Function 25	Function 28 / 29 / 36 / 37	Function 25
2 Relay Sequence w/ Door Position Input	Function 28	Function 28	—
Relay 1 Deactivation Timer	Function 29	Function 29	—
3 Relay Sequence	Function 35	Function 36 / 37	—
Interlock Timer w/ Door Position Inputs	Function 50	Function 50	—
Interlock Ratchet w/ Door Position Inputs	Function 55	Function 55	—
2-Way, 2 Relay Sequence	Function 65	Function 65	—
2 Relay Sequence w/ Wet Input	Function 75	Function 28 / 29 / 36 / 37	—
3 Relay Sequence w/ 'One-Shot'	—	Function 36	—
3 Relay Sequence w/ Independence	—	Function 37	—
Restroom Functionality - Normally Locked	—	Function nL	—
Restroom Functionality - Normally Unlocked	—	Function nU	—

## ▼ SOLUTION COMPARISON (CONT'D)

	Br3	Br3-X	Br2-900
3 Relay Sequence w/ Day-Night Mode	—	Function dn	2 Relay Sequence w/ Day-Night Mode
Wireless Frequency			900 MHz
Programmable units per receiver	—	—	(908 – 918 w/ Frequency Hopping)
Transmitter Mode			75 (unlimited w/ Universal)
Hold Functionality			Standard or Universal
			Standard or Extended Hold
<b>USER INTERFACE</b>			
Display	Two (2) 7-Segment	Two (2) 7-Segment	One (1) Tri-Color Signal Strength LED One (1) Red Learn LED One (1) Blue Activation LED (R1) One (1) White Activation LED (R2)
Push Buttons	INCR PARAM	INCR PARAM	'SECURE' learn 'UNSECURE' learn
Jumpers	RELAY 1 = DC-AC (2), DRY-WET (2)	RELAY 1 = DC-AC (2), DRY-WET (2)	—
Dip Switches	—	—	STD / EH STD / UNI
Potentiometers	—	—	HOLD 1 HOLD 2 DELAY