

APPLICATION NOTE

Restroom Kit & Emergency Kit Installation Guide



BEA Products to which this Application Note applies: Restroom Kit, Emergency Kit

In order to simplify installation, the table below summarizes technical specifications, electrical box requirements, and a suggested installation locations for the Restroom Kit and Emergency Kit components.

KIT	COMPONENT	TECHNICAL SPECIFICATION	BOX ¹	LOCATION
RESTROOM	Br3-X Logic Module	12-24 VAC/VDC +/-10% see User's Guide 75.5871	n/a	inside door header
	"PUSH TO LOCK" Button	lamp C-656: 15-24 V, 0.06 A lamp CM-161: 12-14 V, 0.19 A SPDT switch: 10 A @ 120 VAC / 28 VDC	single gang	inside restroom near door
	Occupied Indicator	12-24 VAC/VDC +/-10% jumper ON = SOUND (82dB @ 5V) jumper OFF = NO SOUND	single gang	outside restroom near door
	Door Position Switch	SPDT, 30 VAC/VDC, 0.25 A, 3.0 W gap distance: 2.0 in	n/a	on door
EMERGENCY	Emergency Button	12-24 VAC/VDC +/-10% DPDT switch: 10 A @ 24 VAC/VDC jumper ON = SOUND (82dB @ 5V) jumper OFF = NO SOUND	double gang	inside restroom near toilet
	Assistance Required Signal	lamp #313: 28 VAC/VDC sounder: 16-25 VAC/VDC, 15 mA	single gang	outside restroom above door
	Emergency Signage	n/a	n/a	inside restroom above Emergency Button

¹Additional electrical boxes may be required for interior and exterior activation push plates.

For wiring instructions, refer to wiring diagrams 80.0394, 80.0395, and 80.0397.

The table below summarizes technical specifications, electrical box requirements, and suggested installation locations for when a second emergency alarm is desired.

COMPONENT	TECHNICAL SPECIFICATION	BOX ¹	LOCATION
LED / Sounder (Occupied Indicator)	12-24 VAC/VDC +/-10% jumper ON = SOUND (82dB @ 5V) jumper OFF = NO SOUND	single gang	remote location
900 MHz Receiver	12-24 VAC/VDC +/-10% see User's Guide 75.5786	n/a	near LED / Sounder
900 MHz Touchless Retrofit Transmitter	12-24 VAC/VDC +/-10%	n/a	inside door header
Isolation Relay	12 VAC/VDC or 24 VAC/VDC DPDT, 10 A @ 24 VDC / 120 VAC	n/a	inside door header

For wiring instructions, refer to wiring diagram 80.0395.