

PB2B, PB3B & PB5B Push/Exit Switches

INSTALLATION INSTRUCTIONS

ACCESSORIES AND PARTS INCLUDED

- (1) PB2B/PB3B/PB5B
- (1) Parts bag (Contents: #6-32 X 1/2" flat head phillips ss screws, #10 X 1" pan head self-tapping phillips ss screws, twist-on wire connectors, allen key)
- (1) User/Installation Manual
- (1) Mounting Box 25B/30B/55B



1. DESCRIPTION

MZE PB5B, PB3B, and PB2B are push/exit switches designed for high visibility, weather resistance, and vandal-proof performance. These units feature rugged stainless steel faceplates.

The PB3B is standard single-gang width (2-3/4"), while the PB2B offers a narrower 1-3/4" form factor, ideal for door frames or tight spaces. Each model features a large 1" diameter button that is easy to operate, powered by a wide 12 to 24VDC input range.

Output contacts are field-selectable for N/O, N/C and fail safe/fail secure operation, providing flexible integration with access control or door automation systems.

2. SPECIFICATION

Voltage	12 to 24 VDC +/- 12%
Current	30 mA (peak)
Contact Rating	2 A @ DC 36V
Contacts	Common/ N.O./ N.C.
Temperature Range	14F to 122F (-10 to 50 °C)
Response Time	≤10ms

Dimensions	Narrow: 1 3/4" W x 4 1/2" H x 1 37/64" D (44 mm x 114 mm x 40 mm)
	Single Gang: 2 3/4" W x 4 1/2" H x 1 37/64" D (70 mm x 114 mm x 40 mm)
	Double Gang: 4 1/2" W x 4 1/2" H x 1 37/64" D (114 mm x 114 mm x 40 mm)

3. FEATURES

- Double-gang, single-gang and narrow faceplate designs for flexible installation
- N/O and N/C outputs
- Fail safe / Fail secure operation
- 12/24V DC wide voltage input
- Heavy-duty stainless steel faceplate, vandal-resistant construction

4. OVERVIEW OF OPERATION

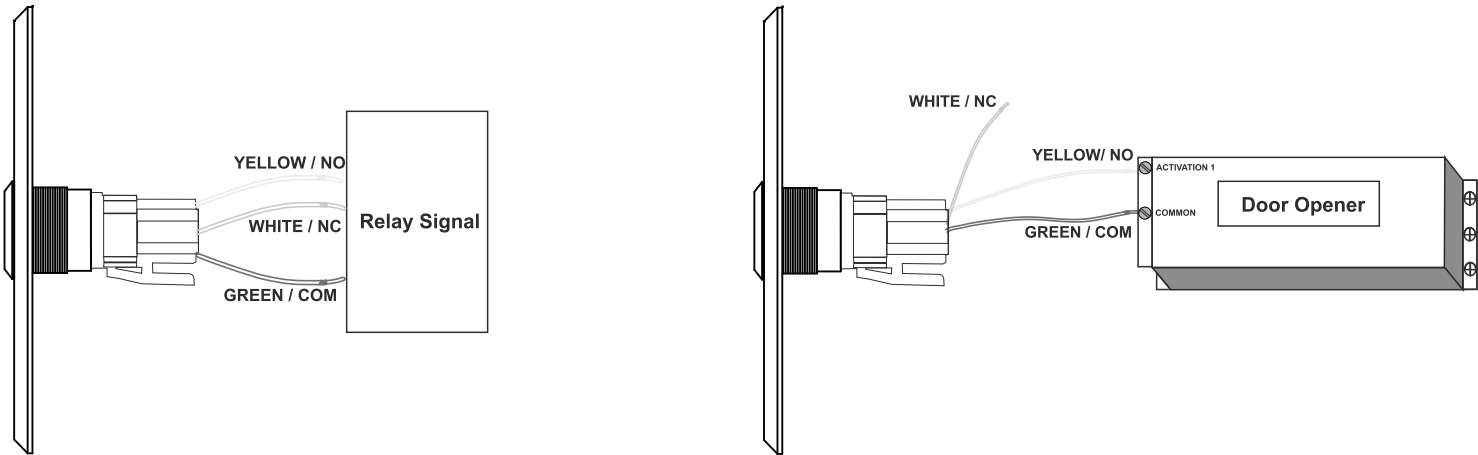
Press switch triggers the relay output.




Designed for high-traffic, vandal-prone environments with fail-safe/fail-secure options and weather-resistant construction.

PB2B/PB3B/PB5B Push/Exit Switches

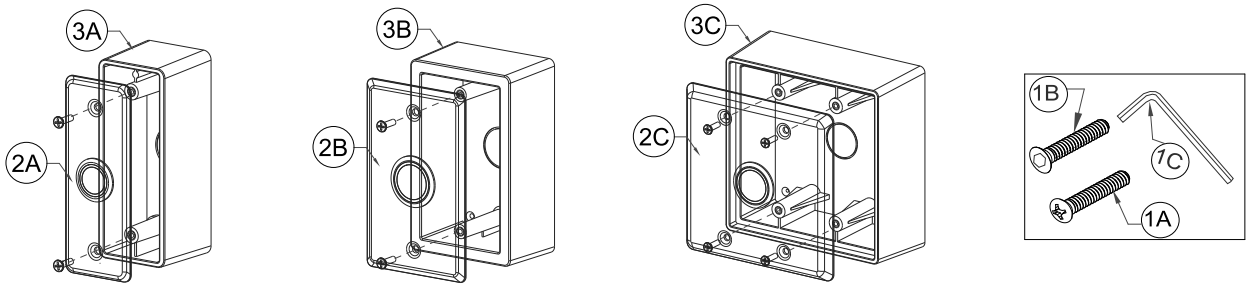
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5. WIRING DIAGRAM



SURFACE MOUNTING BOX			
Mounting Box 25B <ul style="list-style-type: none">- Flame-retardant- Impact-resistant ABS polymer- 46.5 X 117.4 X44.3 mm 	Mounting Box 30B <ul style="list-style-type: none">- Flame-retardant- Impact-resistant ABS polymer- 117.4 X 73 X 44.3 mm 	Mounting Box 55B <ul style="list-style-type: none">- Flame-retardant- Impact-resistant ABS polymer- 127.5 X 127.5 X 50.53mm 	

6. INSTALLATION DIAGRAM



ACCESSORIES AND PARTS INCLUDED			
ITEM NUMBER	PART NUMBER		DESCRIPTION
1.	A	Pan Head Self-Tapping Screws	#10 X 1" PAN HEAD SELF-TAPPING PHILIPS SS SCREWS
	B	Flat Head Hex Socket Screws	#6-32 X 1/2" FLAT HEAD HEX SOCKET SS SCREWS
	C	Allen Key	7/64" ALLEN KEY
2.	A	PB2B	NARROW STAINLESS-STEEL FACEPLATE
	B	PB3B	SINGLE GANG STAINLESS-STEEL FACEPLATE
	C	PB5B	DOUBLE GANG STAINLESS-STEEL FACEPLATE
3.	A	25B	NARROW STAINLESS-STEEL FACEPLATE MOUNTING BOX (46.5 X 117.4 X44.3 mm)
	B	30B	SINGLE GANG STAINLESS-STEEL FACEPLATE MOUNTING BOX (117.4 X 73 X 44.3 mm)
	C	55B	DOUBLE GANG STAINLESS-STEEL FACEPLATE MOUNTING BOX (127.5 X 127.5 X 50.53mm)