ENFORCER®

Outdoor Piezoelectric
Request-to-Exit Pushbuttons

Manual

SD-6176-SS1Q	Slimline plate "EXIT/SALIDA"
SD-6176-SSVQ	Slimline plate, manual override
SD-6276-SS1Q	Single-Gang plate, "EXIT/SALIDA"
SD-6276-SSVQ	Single-Gang plate, manual override

Features:

- Piezoelectric push buttons for indoor or outdoor use (IP65)
- LED ring around button changes from green to red or red to green when the button is pressed
- Timed or toggle output

- Includes separate manual override button in case power to piezoelectric push button fails
- Relay rated 2.5A@24VDC with two individually programmable outputs (NO/NC)

SECO-LARM® SLI®

RoHS

ENFORCER Outdoor Piezoelectric Request-to-Exit Pushbuttons

Introduction:

Operating voltage		12~24VDC
Contact rating		2.5A@24 VAC/VDC
Ring LED	Standby	Red
	Active	Green
Output time		1~30s, Toggle
IP rating		IP65
Operating temperature		32°~158° F (0°~70° C)
Plate material		Stainless steel
Weight	Single-Gang	3.5-oz (99g)
	Single-Gang w/ manual override	4-oz (113g)
	Slimline	2.6-oz (74g)
	Slimline w/ manual override	3.1-oz (88g)

Parts List:

1x Piezoelectric push button

1x Manual

2x Wires for manual override

2x Mounting screws

Overview:

Slimline   **Single-Gang**   **Side View**   **Rear View** (Plastic switch cover removed)
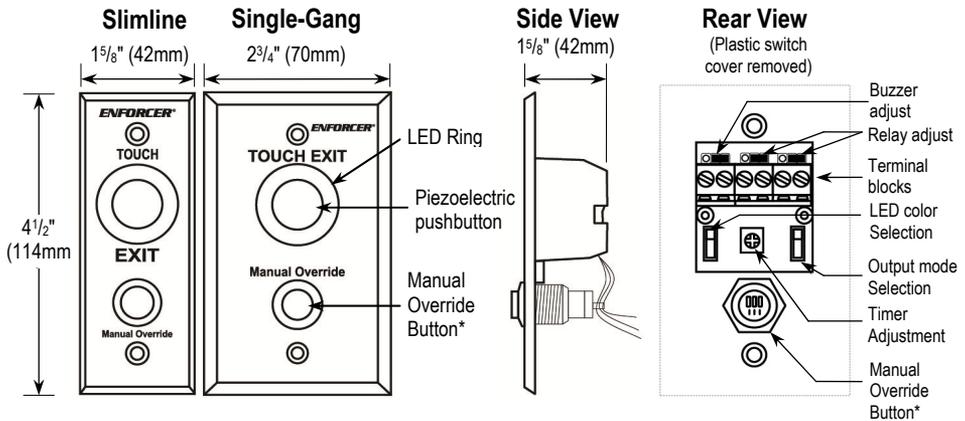
*SD-6176-SSVQ and SD-6276-SSVQ with Manual Override button shown, other models similar.

Installation:

1. Prepare wiring to provide 12~24 VDC power and connect devices to the relay outputs.

NOTE: The device includes one relay with two outputs. Outputs trigger simultaneously but can be configured independently. To set the output modes, see Relay Output Modes on page 3.

2. Remove the plastic cover from the rear of the switch and carefully pierce the rubber grommet.
3. **SD-6176-SSVQ and SD-6276-SSVQ**: Wire the manual override button. See page 3.
4. Wire the switch according to the diagram on the right.
5. Connect (-) and (+) to a 12~24 VDC power source.
6. Connect other devices to Output 1 or 2.
7. Replace the plastic switch cover and screw the plate onto the mounting surface
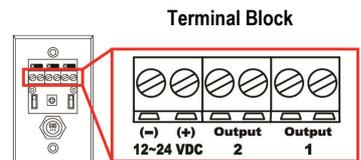
*SD-6176-SSVQ and SD-6276-SSVQ only.

Terminal Block

| (−) (+) 12~24 VDC | Output 2 | Output 1 |

## Wiring the Manual Override: SD-6176-SSVQ and SD-6276-SSVQ Only

Connect the manual override button with included wires

Wiring for N.O.:
Connect the two wires between the NO and COM terminals of the override button and the Output 1 or 2 terminals on the switch.
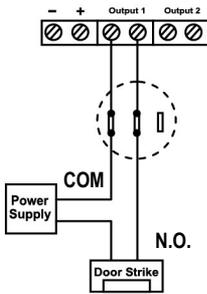
Wiring for N.C.:
Connect the two wires between the NC and COM terminals of the override button and the Output 1 or 2 terminals on the switch.
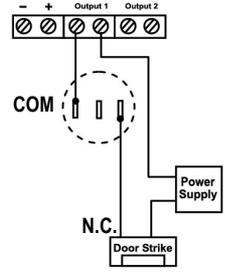
Notes:
1. Remove the thin panel on the bottom of the plastic cover to allow wiring to pass through.
2. There is only one relay, wiring the button to either output will allow the other output to trigger simultaneously.
3. Do not connect the manual override button to more than one output.
4. When wiring for either N.O. or N.C., be sure to also set the Relay Output Mode to N.O., as described below.
   If Relay Output Mode and override button wiring do not match, the product may not function as expected

Manual Override Button

COM   NO   NC

Configuring the Pushbutton:

1. Buzzer Output   Default:ON
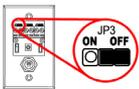
Use the buzzer output jumper JP3 to program the buzzer output. Placing the jumper on the left turns buzzer output ON. Placing the jumper on the right turns buzzer outputs OFF.

2. Relay Output Mode   Default: N.O
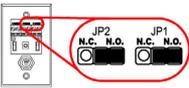
Outputs 1 and 2 can be set independently using jumpers JP1 and JP2. Note: Both outputs trigger simultaneously. Place the jumper on the right for N.O. operation and on the left for N.C. operation

3. LED Ring Colors   Default: OFF
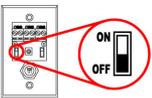
ON: LED is green while in standby, and turns red when triggered.
OFF: LED is red while in standby, and turns green when triggered.

4. Switch Output Type   Default: Timer
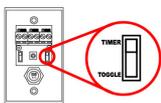
TIMER: When set to TIMER, pressing the switch will trigger the relay for the set time. Set the time using the trimpot as described above.
TOGGLE: When set to TOGGLE, pressing the switch will cause the relay to trigger until the switch is pressed

5. Time Adjustment   Default: 1s
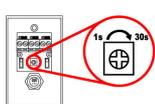
Output duration is adjustable 1~30 seconds. (Must be set to 'Timer' in step 4)
Gently rotate the trimpot using a Philips head screwdriver.
Counterclockwise decreases the output time.
Clockwise increases the output time.

Sample Installation: Electromagnetic Lock (Fail-Safe) with Strobe Light
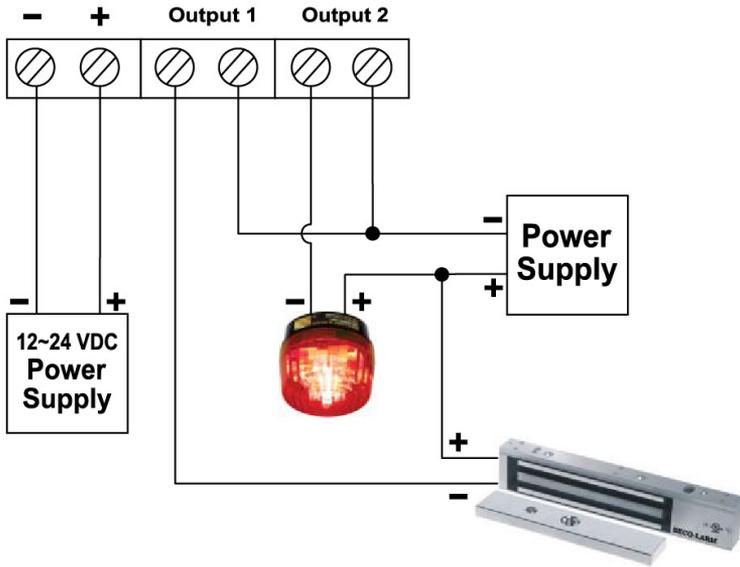
IMPORTANT WARNING: For a weatherproof installation, ensure the unit is installed in a waterproof backbox, and that the faceplate and faceplate screws are properly sealed. Incorrect mounting may lead to exposure to rain or moisture in the enclosure which could cause a dangerous electric shock, damage the device and void the warranty. Users and installers of this product are responsible for ensuring this product is properly installed and sealed.

IMPORTANT: Users and installers of this product are responsible for ensuring that the installation and configuration of this product complies with all national, state, and local laws and codes related to locking and egress devices. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or codes.

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