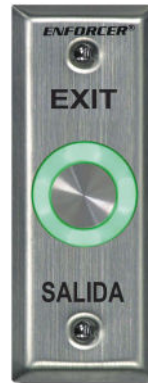# ENFORCER®

Outdoor Piezoelectric Request-to-Exit Pushbuttons

Manual

ETL US
Intertek
5024193
Conforms to UL Std. 294

SD-6176-SSVQ	Slimline plate, manual override
SD-6276-SSVQ	Single-gang plate, manual override
SD-6176-SS1Q	Slimline plate, "EXIT/SALIDA"
SD-6276-SS1Q	Single-gang plate, "EXIT/SALIDA"
SD-6176-SSQ*	Slimline plate, "TOUCH/EXIT"
SD-6276-SSQ*	Single-gang plate, "TOUCH/EXIT"

*Special order item. Please contact SECO-LARM.

- Piezoelectric push buttons for indoor or outdoor use (IP65, except models with manual override button)
- LED ring around button changes from green to red or red to green when the button is pressed
- Timed or toggle output
- Available with separate manual override button in case power to piezoelectric pushbutton fails
- SPDT Relay rated 2.5A@24 VAC/VDC with two individually programmable outputs (NO/NC)

SLI® SECO-LARM®

RoHS

Specifications:

Operating voltage		12~24 VDC
Current drain		40mA@12VDC
Contact rating		2.5A@24 VAC/VDC
Ring LED	Standby	Red
Colors reversible via switch	Active	Green
Output time		1~30 s, Toggle
Destructive attack level		Level I
Line security		Level I
Endurance level		Level I
Standby power		Level I
IP rating		IP65 Weatherproof*
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)

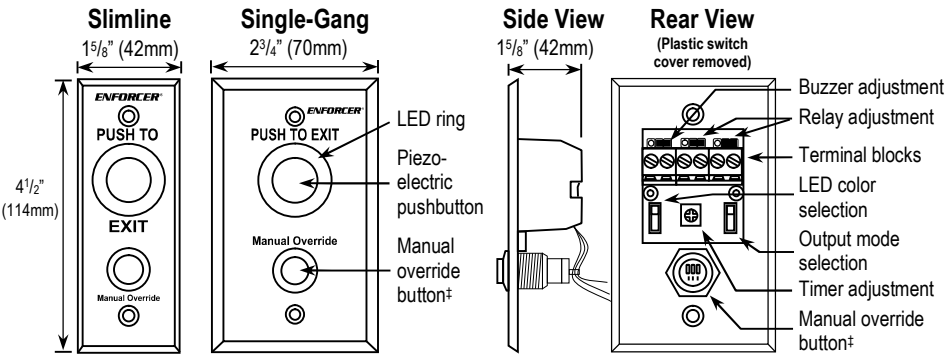*When properly installed   †SD-6176-SSVQ and SD-6276-SSVQ only

Parts List:

1x Piezoelectric pushbutton

2x Mounting screws

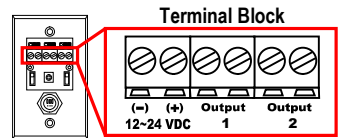2x Override wires†

1x Manual

Overview:

SD-6176-SSVQ and SD-6276-SSVQ with Manual Override button shown, other models similar.

‡SD-6176-SSVQ and SD-6276-SSVQ only

Installation:

1. Prepare wiring to provide 12~24 VDC power and connect devices to the relay outputs. Use only low-voltage, power-limited/Class 2 power supply and low-voltage field wiring not to exceed 98.5ft (30m).
   NOTE: The device includes one relay with two outputs. Outputs trigger simultaneously or independently. To set the output modes, see "Configuring the Pushbutton: Relay Output Modes" on pg. 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 pg. 3.
4. Wire the switch according to the diagram on the right.
   - Connect (-) and (+) to a 12~24 VDC power source.
   - Connect other devices to Outputs 1 or 2.
5. Replace the plastic switch cover.
6. For weatherproof installation, use a waterproof backbox and apply a bead of silicone sealant (not included) around the rim of the backbox and faceplate edge. Apply a small amount of sealant below each screw head.
7. Screw the plate into the back-box, taking care not to crimp the wires and ensuring a good seal.
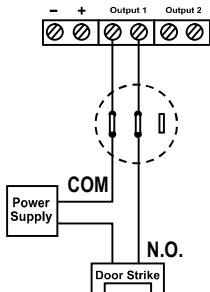

Terminal Block

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

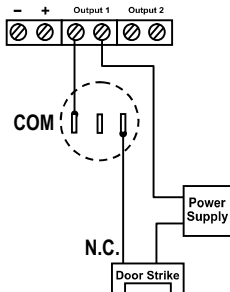Connect the manual override button with the included wires.

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.
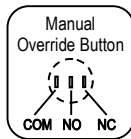
Wiring For N.C.:
Connect the two wires between the NC and COM terminals of the override button and the Output 1 or 2 terminals on the switch.
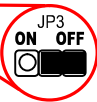
NOTES

a. Remove the thin panel on the bottom of the plastic cover to allow wiring to pass through.
b. There is only one relay, wiring the button to either output will allow the other output to trigger simultaneously.
c. Do not connect the manual override button to more than one output.
d. 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:
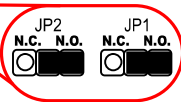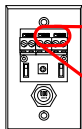
1. Buzzer Output
DEFAULT: ON

Use the buzzer output jumper JP3 to program the buzzer output. Placing the jumper on the left turns the buzzer output ON. Placing the jumper on the right turns the buzzer output 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.
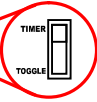
3. LED Ring Colors
DEFAULT: OFF

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 duration. Set the time using the trimpot as described below.
TOGGLE: When set to TOGGLE, pressing the switch will cause the relay to trigger until the switch is pressed again.
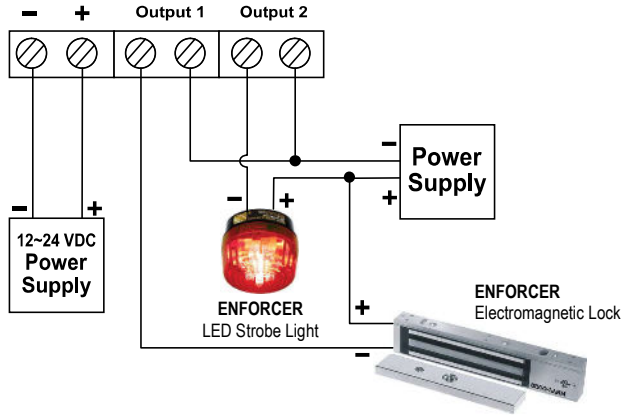
5. Output Duration Adjustment
DEFAULT: 1s

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

NOTE: No wiring may exceed 98 ft (30m) in length.

California Proposition 65 Warning: These products may contain chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

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. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or codes.

SECO-LARM® U.S.A., Inc.