

ENFORCER®

SD-7217-GSBQ (Single-gang Plate)

SD-7317-GSBQ (European Plate)

Request-to-Exit Plate with Status LED and Adjustable Buzzer

Manual



SD-7217-GSBQ Shown

- 12/24 VDC operation
- Vandal-resistant buzzer with adjustable sound level for audible status indicator
- Selectable dual-color LED (red/green) for visual status indicator
- Buzzer and LED can be configured separately
- NO/NC contacts rated 10A@125 VAC
- Stainless-steel plate

ENFORCER Request-to-Exit Plate with Status LED and Adjustable Buzzer

Introduction:

The SD-7217-GSBQ provides great flexibility in a small package by adding both visible and audible indicators to an RTE plate. The buzzer and LED can be used for a wide variety of installations and may be configured for separate indications or together depending on the desired application. The buzzer's volume is adjustable for either noisy or quiet environments. The LED is customizable for either red or green. Both provide great range of flexibility in application. Some possible uses include providing indicators for the visually- or hearing-impaired, providing alerts for door open/door unlocked/door propped open/door forced open detection and many other possibilities.

Parts List:

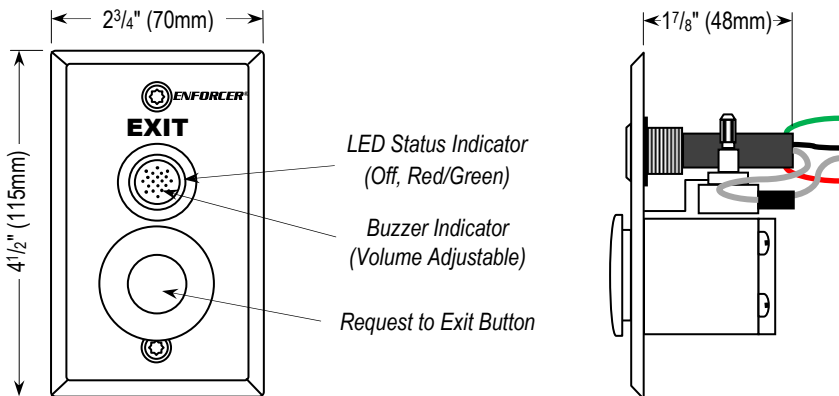
1x RTE plate 2x Mounting screws 2x Resistors (1kΩ, 1/4W) 1x Manual

Specifications:

Model		SD-7217-GSBQ	SD-7317-GSBQ
Plate		Single-gang	European
LED	Operating voltage	12VDC or 24VDC*	
	Current draw	15mA@12VDC (max.)	
	Terminals	Red and green wire leads	
	LED color	Red/Green, selectable	
Buzzer	Operating voltage	12VDC or 24VDC*	
	Current draw	27mA@12VDC (max.)	
	Terminals	Black and gray wire leads	
	Sound level	85~98 +/-5dB@4" (10cm) (adjustable)	
	Sound adjustment	Variable resistor (VR)	
Pushbutton	Type	NO/NC	
	Contact Rating	10A@125VAC	
	Terminals	Screw type	
Operating Temperature		-4°~140° F (-20°~60° C)	
Dimensions		4 1/2"x2 3/4"x1 7/8" (115x70x48 mm)	3 3/8"x3 3/8"x1 7/8" (86x86x48 mm)
Weight		7.6-oz (215g)	11.3-oz (320g)

*Using included resistor wired inline on the positive (+) side

Overview:



ENFORCER Request-to-Exit Plate with Status LED and Adjustable Buzzer

Installation Instructions:

Before beginning, determine the intended application of both the buzzer and LED as well as whether they will be used as redundant indicators of one input status or to indicate different input statuses. Consider also the desired LED color.

- Run 4~6 wires through the wall to a single-gang back-box as necessary (depending on application):
 - Two wires for the LED light.
 - Two wires for the buzzer.
 - Two wires from the COM terminal and either the N.O. or N.C. terminal of the locking device.
- Connect the wires from the locking device:
 - For N.C. operation – connect the COM and N.C. wires from the locking device, to the red colored terminal block of the pushbutton switch (see Fig. 1).
 - For N.O. operation – connect the COM and N.O. wires from the locking device, to the blue colored terminal block of the pushbutton switch (see Fig. 1).
 - Two wires for the buzzer (see Fig. 2). The polarity must be observed—gray to positive (+) and black to negative (-).
 - Two wires for the LED (see Fig. 2). Depending on the choice of color for the status LED, connect the red and green wires according to the LED Color Selection Chart (see Fig. 3).
- Test and adjust the buzzer volume as desired by turning the volume control knob clockwise to increase the volume and counterclockwise to decrease the volume (see Fig 2).
- Screw the plate onto the back-box, taking care not to crimp the wires.

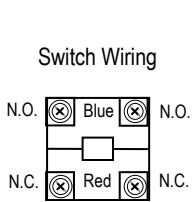


Fig. 1

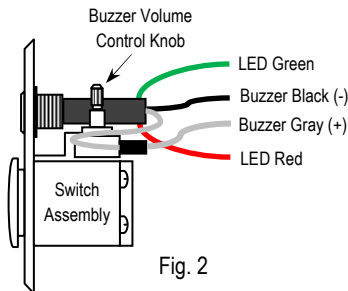


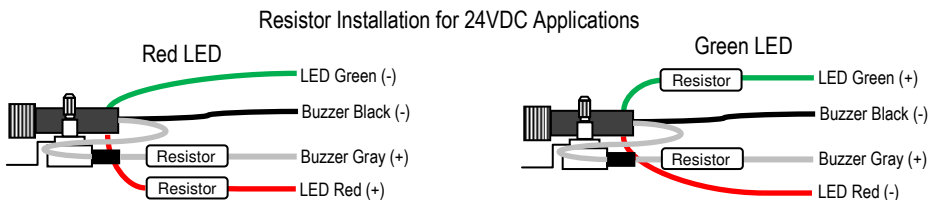
Fig. 2

LED Color Selection Chart

Color Choice	Green Wire	Red Wire
Green LED	+	-
Red LED	-	+

Fig. 3

Important Note: This device is designed for a 12VDC power supply. When using a 24VDC power supply, a resistor (included) must be wired in-line with the positive (+) wire of both the status LED and the buzzer (see below).



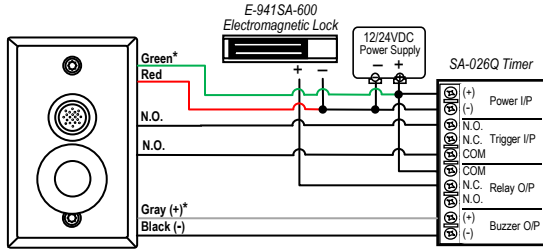
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Sample Applications:

RTE Application #1: Constant On LED, Buzzer Sounds When Activated

Green LED shown (For alternate color choice, see pg. 3)

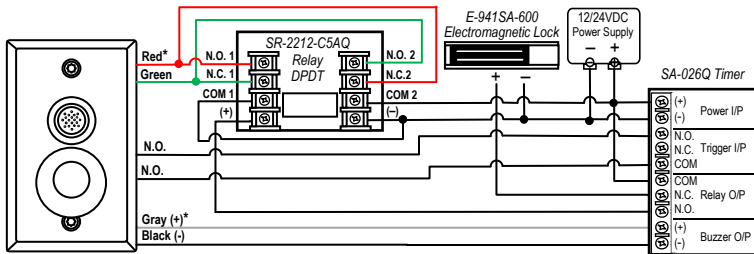
When button is pressed, door is unlocked, LED remains on, and buzzer sounds until door relocks



RTE Application #2: Alternating Color LED, Buzzer Sounds When Activated

LED Standby-Red, Unlocked-Green shown (To reverse color choice, see pg. 3)

When button is pressed, door is unlocked, buzzer sounds, and LED changes colors until door relocks



Note: * indicates resistor locations for 24VDC installations

Lock, Timer, and Relay Board not included

IMPORTANT: Users and installers of this product are responsible for ensuring this product complies with all national, state, and local laws and statutes related to monitoring and recording audio and video signals. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or statutes.

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