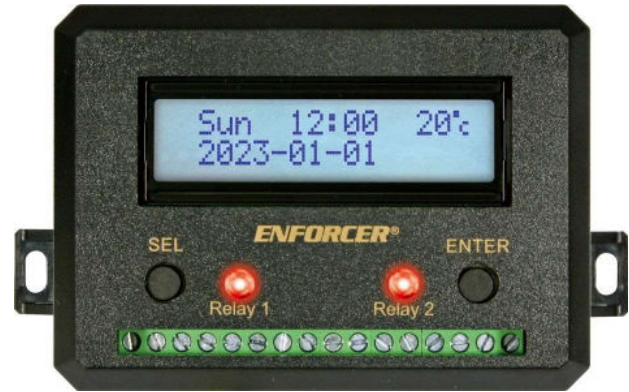# 365-Day Annual Timer

SA-027HQ

The ENFORCER SA-027HQ Annual Timer can be programmed to operate two Form C relays 24 hours a day, for an entire year for various applications including security, access control, lighting, and environmental control. Each relay can be programmed for up to 99 events with each event on a weekly, daily, or hourly schedule. Block programming allows events to be repeated. Twenty programmable holidays disable the timer on the same date yearly.

Features

- Wide operating voltage range – 10~48 VDC, 12~24 VAC
- Two N.O. or N.C. Form C relays, 10A@14VDC, one egress input per relay
- 99 Programmable events per relay (total, 198) set weekly, daily, or hourly
- 20 Programmable holiday events – each from 1~31 days in duration
- Block programming allows events to be repeated
- EEPROM Memory for safe data protection in case of power failure
- No clock battery to replace –super capacitor saves date/time 7-10 days
- Built-in leap year compensation
- Auto US/EU switch to Daylight Savings Time or manual DST
- Smart battery charger extends life of external backup battery (not included)
- Easy troubleshooting status checks – relay test, input voltage, backup battery voltage/charge
- Passcode protection can be turned ON or OFF
- First-person-in (FM) function interrupts the normal operation of the timer
- Event outputs can be programmed to disable, ON, OFF, shunt, or momentary (1~99 seconds)
- Tandem mode allows both relays to operate simultaneously
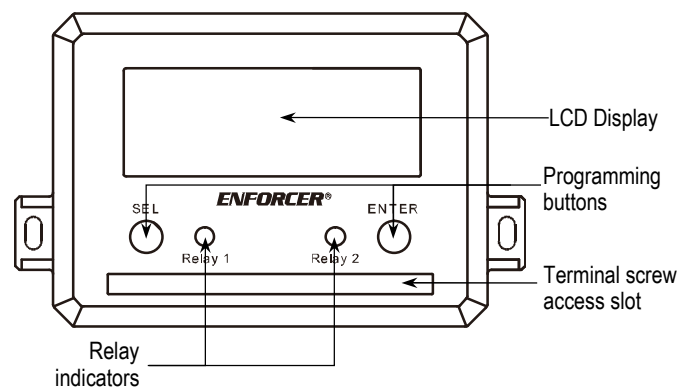
Up to 198 Events · **Up to 20 Holidays** · **Smart Charger** · **10~48 VDC**

Specifications

Operating voltage	10~48 VDC / 12~24 VAC
Number of relays	2 Form C
Relay contact rating	10A@14VDC
Relay active current draw	60mA@12VDC ±10% (per channel)
Standby current draw	14mA@12VDC ±10%
Backup battery type	12VDC (not included)
Battery charge	Smart charge, 50mA max., when battery is ≥11.5V and ≤12.8V
Event capacity	99 per relay
Operating temperature	-4°~167° F (-20°~35° C)
Dimensions	$4^{1}/_{8}$"x3"x$1^{5}/_{16}$" (105x76x33 mm)
Weight	5.6-oz (158g)

Overview

LCD Display

Programming buttons

Terminal screw access slot

Relay indicators

SECO-LARM® U.S.A., Inc.

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