

ESP-727STA SMOKE DETECTOR

- PHOTOELECTRIC DETECTION
- 12V DC OPERATION
- DETACHABLE BASE
- MAGNET TEST FEATURE
- OPTIONAL FLUSH MOUNT RING (SR100)
- LED FLASHES TO SHOW OPERATION
- NON LATCHING RELAY OUTPUT
- SELECTABLE N.O. / N.C. RELAY CONTACTS
- COMPATIBLE WITH MOST CONTROL PANELS



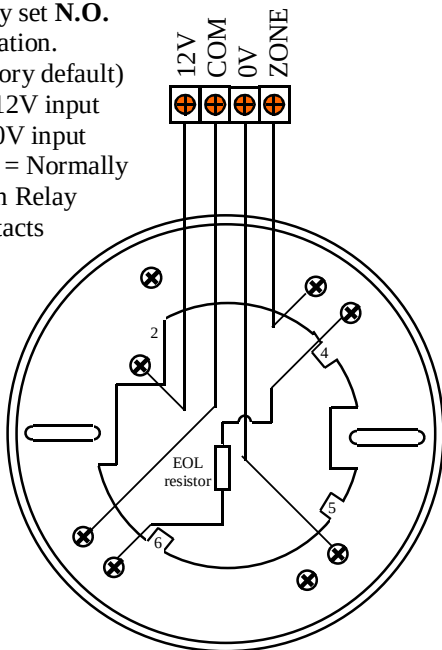
Optional SR 100
Flush Mount Ring

SPECIFICATIONS

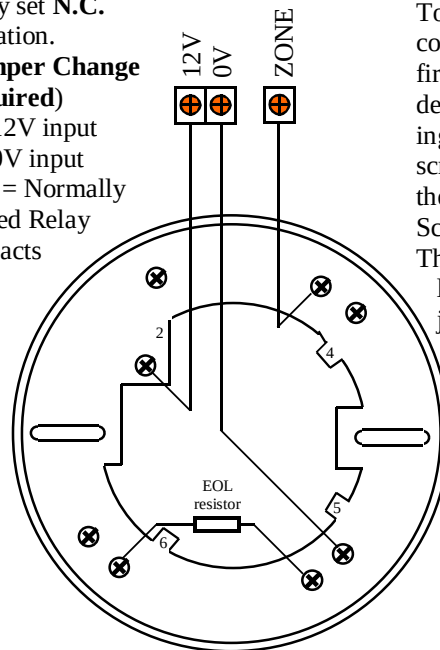
Operating Voltage.....10.2—13.8V DC
 Standby Current..... 320uA
 Alarm Current..... 50mA
 Startup Time.....60 seconds
 Alarm Period.....3–5 seconds
 Alarm Output.....N.O. or N.C. contacts rated at 0.8A @30V DC
 Indicator LED.....2 x Red LEDs on during alarm period single flash, once every 6 seconds on standby
 Dimensions.....98mm (Dia) x 46mm (H)
 Weight.....130g
 Smoke Sensitivity.....2.66+/-1.11%/FT Obscuration (UL standard)
 Temperature Range.....-10°C to 50°C
 Humidity.....0 to 95% RH, no condensation or icing.
 SR100 Dimensions.....114mm (Dia)

The ESP-727STA Smoke detector is one for the most popular smoke detectors on the market. Compatible with most control panel, the twist on, Twist off base makes installation quick and easy. The detector has built in false alarm discrimination circuitry and auto-resets when the chamber is clear of smoke. An internal 85dB buzzer gives a local alarm when the relay is activated. The detector is fitted with a stainless steel insect guard to help prevent intrusion by insects and decrease false alarms.

Relay set **N.O.**
 operation.
 (factory default)
 2 = 12V input
 5 = 0V input
 4&6 = Normally
 Open Relay
 Contacts

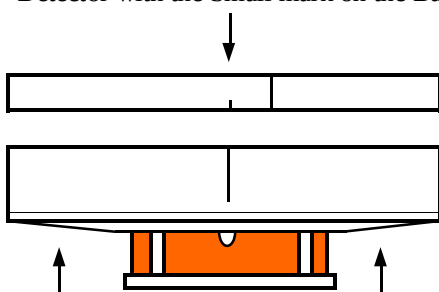


Relay set **N.C.**
 operation.
**(Jumper Change
 Required)**
 2 = 12V input
 5 = 0V input
 4&6 = Normally
 Closed Relay
 Contacts



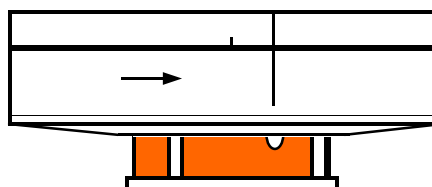
To make the relay contacts become Normally Closed you must first remove the lid off the Smoke detector. This is done by removing the back and locating two screw heads under the sticker of the smoke detector. Undoing the Screws will detach the lid. There is a Jumper terminal inside labeled NC & NO, remove the jumper from the NO position and push it down on the NC position.

1. Align the long mark on the Smoke Detector with the Small mark on the Base.



2. Push Smoke Detector onto Base.

3. Turn the Smoke Detector Clockwise, so that the Long mark on the Smoke Detector now Lines up with the Long mark on the Base.



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