

PRODUCT FACE



PRODUCT INTRODUCTION

This Product named Photoelectric smoke detector (hereinafter called detector) detects the smoke by a couple of infrared diodes. The principle of detecting is granule in smoke can reflect infrared light. Infrared diodes are placed in the special chamber. The chamber can shield external light. But doesn't affect the smoke into it. While there is no smoke, the diode the smoke receives very weak infrared light. When smoke entering the chamber, diode receives more and more light, and the detector, will give out alarm signal when the smoke attains the preset density. In order to reduce the interference and lower power consumption, the emitting circuit adopts pulse signal. The product in accordance

CONNECTION DESCRIPTION

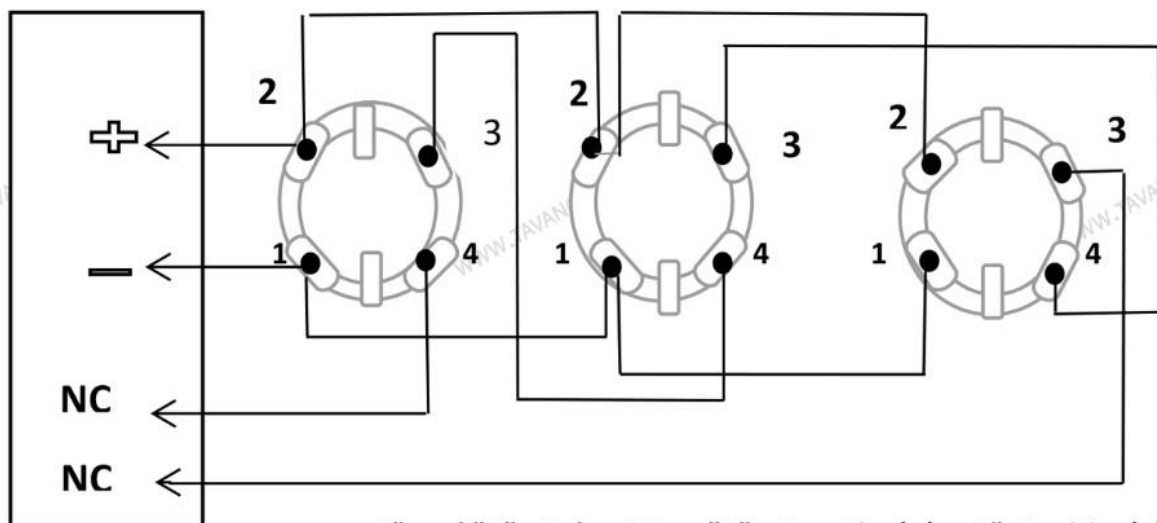
4 wire smoke detectors: base terminals "1" negative(-) and "2" positive(+) DC power input. Base terminal "3" for relay output NC, "4" for relay output NC.

PRODUCT FEATURE

- ❖ STRONG ADAPTABILITY FOR CIRCUMSTANCE
- ❖ 9~16VDC WIDE VOLTAGE OPERATING RANGE
- ❖ LOW STANDBY CURRENT
- ❖ TWIN LED FOR 360° VISUAL
- ❖ FLASHING LED POWER INDICATOR

PRODUCT CATEGORY	4WIRE
OPERATING VOLTAGE	DC 9 ~ 16V
STANDBY CURRENT	13Ma(relay N.C.)
ALARM CURRENT	9Ma(relay N.C.)
ALARM INDICATION	RED LED ON
TEMPERATURE RANGE	-10°C ~ +50° C
HUMIDITY	10% ~ 90% RH (NO CONDENSATION)
ALARM OUTPUT	RELAY OUTPUT
CONTACT RATING	30mA
DIMENSION	100 mm diameter * 48 mm deep

power



3" and "4" = Relay NC "1" = Negative(-) 2" = Positive(+)

Initiating circuit



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