

CONVENTIONAL HEAT DETECTOR

BP-FD-CHD382



OVERVIEW

BP-FD-CHD382 is conventional photo-electronic heat detector uses a state-of-the-art optical sensing chamber.

This detector is designed to provide open area protection and to be used with most conventional fire alarm panel.

The conventional rate of rise heat detector uses thermal component to detect the temperature changing in the environment. It can enable fire alarm when the temperature difference achieved the setting rate of rise temperature value. It can also enable fire alarm when the absolute temperature value reach the setting fixed value. It has a stable and reliable working performance.

Two LEDs on each detector provide local 360° visible alarm indication. They flash every six seconds indicating that power is applied and the detector is working properly. The LEDs latch on in alarm. LEDs will be off when a trouble condition exists indicating that the detector sensitivity is outside the listed limit. The alarm can be reset only by a momentary power interruption.

The detector that initiated the alarm condition will have its red LED and relays latched until rest by panel.

SPECIFICATION

Model: BP-FD-CHD382	
Specification	
Operating Voltage Range	9 to 28 VDC Volts Non-polarized
Standby Current	≤120uA@24VDC
Maximum Alarm Current (LED on)	≤15mA@24VDC (1K Ohm current-limiting resistance)
Operating Humidity Range	≤95% RH (40°C±2°C) Relative Humidity, non-condensing
Operating Temperature Range	-10°C to 50°C (14°F to 122°F)
Fix Temperature Alarm	57°C (135°F) A2R
Rate of rise Alarm	7.1°C/5S A2R
Height	48.2mm installed in Base
Diameter	99.45mm