

TECHNICAL DATA SHEET



Since 2011

OPTICAL SMOKE DETECTOR

Description

The Conventional Photo-electronic smoke 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 smoke 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. 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 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 reset by panel.

Specification:

MODEL NO.	650
Operating voltage Range	9 to 32 VDC Volts Non - polarized
Alarm current (Max)	≤ 2 mA
Start-up time	≤ 30 s
Alarm indicator	Dual Red LEDs
Maximum Alarm Current (LED on)	≤ 55 mA @ 24 VDC
Operating Humidity Range	$\leq 10\%$ to 93% Relative Humidity Non- Condensing
Operating Temperature Range	14o F to 120o F (-10 C to 49 C)
Height	2.2" (55mm) installed in base
Weight	5.5 oz. (155g)
Adjustable Sensitivity	1-2.5% / FT
Diameter	4.0" (103 mm)
Reset Voltage	≤ 3 V
Reset Time	≤ 30 S

PALLADIUM SAFETY SOLUTIONS PVT. LTD.

An ISO 9001 : 2015 Certified Company

Email: customercare@palladiumss.com Web: www.palladiumss.com

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