



# TECHNICAL DATA SHEET

# SMOKE ALARM -001

## SMOKE ALARM (SD200)



### Description

PDL has introduced a new smoke alarm with photo electric technology. The smoke alarm offer superior sensing technology and are mains hardwired with a 9V batter back-up for continuity in the event of main power failure. Each alarm is fitted with LED status indicators and an easily accessible test button to check sensitivity, alarm circuits and alarm horn.

Designed to facilitate installation, the low profile alarms have push-fit connectors and a detachable base plate.

### Features

- Photoelectric technology without any radioactive material
- Horn level at 85dB at 3 meters minimum
- Clear visual indicators with LED
- Inter-connectable up to 20 units of alarms
- 9Volts Battery backup as a secondary source
- Large centre test button

### Main Application

Suitable for residential and commercial area to detect smoke/fire and act as a alarm system.

### Materials & Finish

Use of polycarbonate for all plastic components. Brass & copper for all conductivity components. All contact point is silver welded for best performance.

### Option

Accessories and color options upon request

### Standards & Approvals

Smoke Alarm complies with:  
AS3786:1993  
AS/NZS 3100:1997

### Quantity

Box Quantity : 1 pcs

## TECHNICAL SPECIFICATION

### Electrical

Voltage Rating : 230 ~ 240V, 50Hz a.c.  
Secondary Power Source : 9V D.C Carbon Zinc or Alkaline Battery  
Sensing Type : Photoelectric  
Operating Current : 35mA

### Physical

Horn Level : 85dB at 3 meter minimum  
Operating Temperature : -5 °C ~ 35 °C  
Ambient Humidity : 10% to 90%  
Visual Indicator : Green LED for Mains Power "ON"  
Red LED for warning and battery low indication  
Inter-connecting : 20 Alarms over 150 meters maximum  
Can be inter-connected with any PDL SD Series Smoke Alarm

## DIMENSION (mm) & WIRING DIAGRAM

