

VE-ASD12V

ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR



OVERVIEW

The VE-ASD12V photoelectric smoke detector has a completely advanced detection chamber design, this delivers improved responsiveness, reduced sensitivity changes caused by settling dust and reduced false alarms resulting from ingress of insect and other debris. The plug-in unit uses sophisticated processing circuitry that incorporates smoothing filters to help eliminate transient environmental noise conditions that can be the cause of unwanted alarms that further improve resilience to false alarms and improve detection speed.



FEATURES

- Available with or without isolator base
- Smoke detector with obscuration level
- Sensitivity level setting
- Soft addressing by Panel
- Easy for maintenance
- Drift Compensation
- Enhanced Smoke Chamber Design to reduce false alarm by dust or contamination
- Easy to Installation
- Dual integrated LED for 360° Visibility
- Analogue Addressable communication
- Advanced protocol for smoothing filter to suppress false alarm



MECHANICAL SPECIFICATION	
Height	39mm without Base
Diameter	100mm
Weight	100g
Max Wire gauge for terminals	2.5mm
Colour	Cream White
Material	ABS Plastic

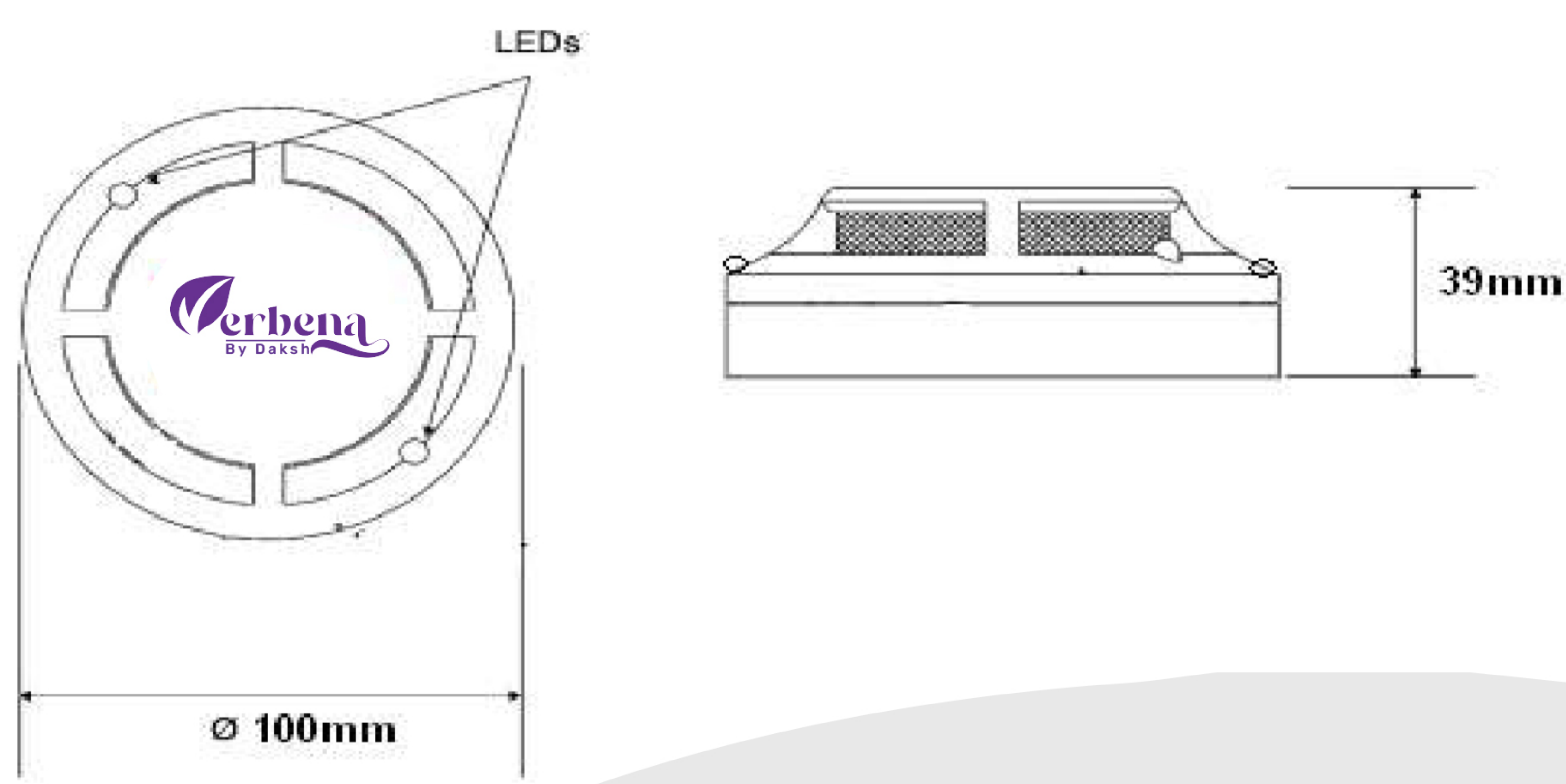
ELECTRICAL SPECIFICATION	
Operating Voltage	18 to 25V DC
Maximum Standby Current	60µA
Alarm current	600µA
Connection	2 Wire

ENVIRONMENTAL SPECIFICATION	
Temperature Range	-10°C to +70°C
Humidity	≤ 95% Relative Humidity
IP Rating	IP21

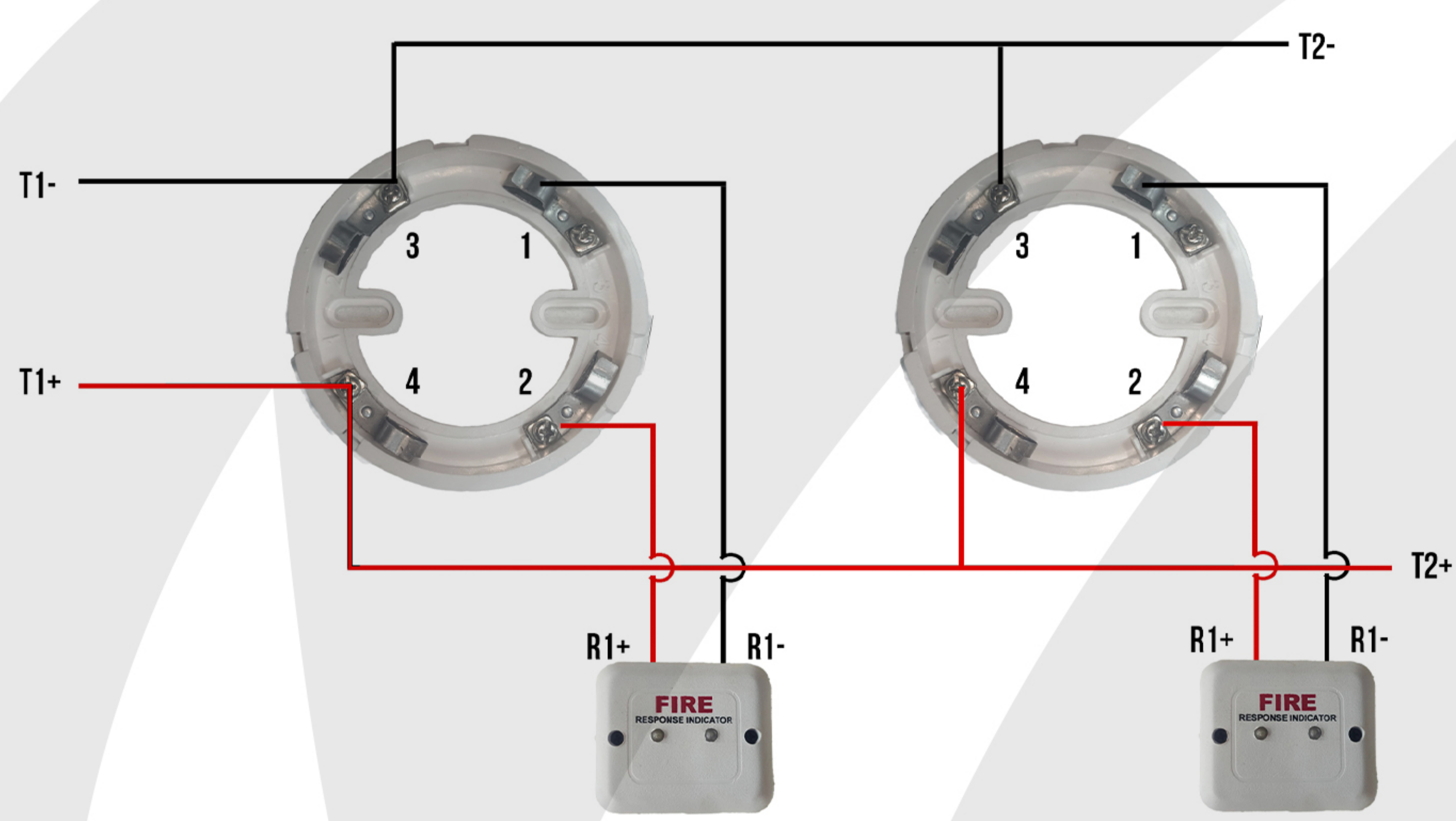
APPROVALS



ENGINEERING / ARCHITECTURAL DIAGRAM



WIRING DIAGRAM



- NO. FUNCTION
- 1 (RI+) RESPONSE INDICATOR
 - 2 (RI-) RESPONSE INDICATOR
 - 3 T - (LOOP IN/ LOOP OUT)
 - 4 T + (LOOP IN/ LOOP OUT)

Disclaimer

This document is just for a general overview & is not intended to be used for installation purpose. Data contained in documentation should be consulted with a fire-safety professional before specifying or using the product. All the specification are subject to change without prior notice.