

VE-AHD12V

ADDRESSABLE HEAT DETECTOR



OVERVIEW

VE-AHD12V Addressable heat detector is an essential component of a fire alarm system, designed to detect increases in temperature, heat detectors use a modern, accurate and shock-resistant thermistor to monitor changes in thermal energy levels. When the temperature rises above a predetermined threshold, the heat detector triggers the fire alarm system, initiating timely alerts and necessary emergency protocols. With its reliable detection capabilities, it provides effective, intelligent property protection in a number of areas, applications etc.



FEATURES

- Soft addressing by Panel
- Easy for maintenance
- Automatic drift compensation
- Fixed temperature (58°C) and rate of rise temperature (10°C)
- 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



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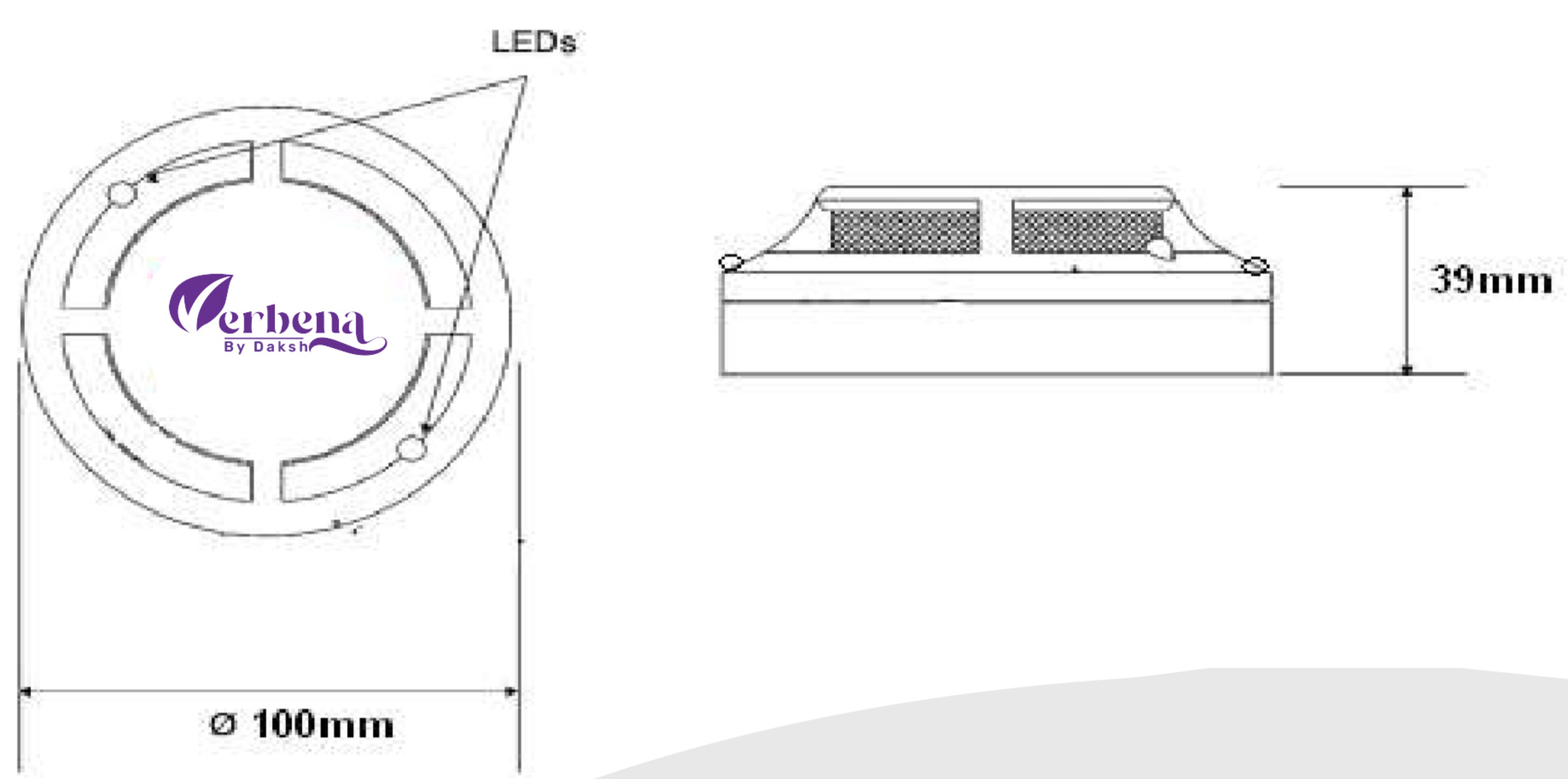
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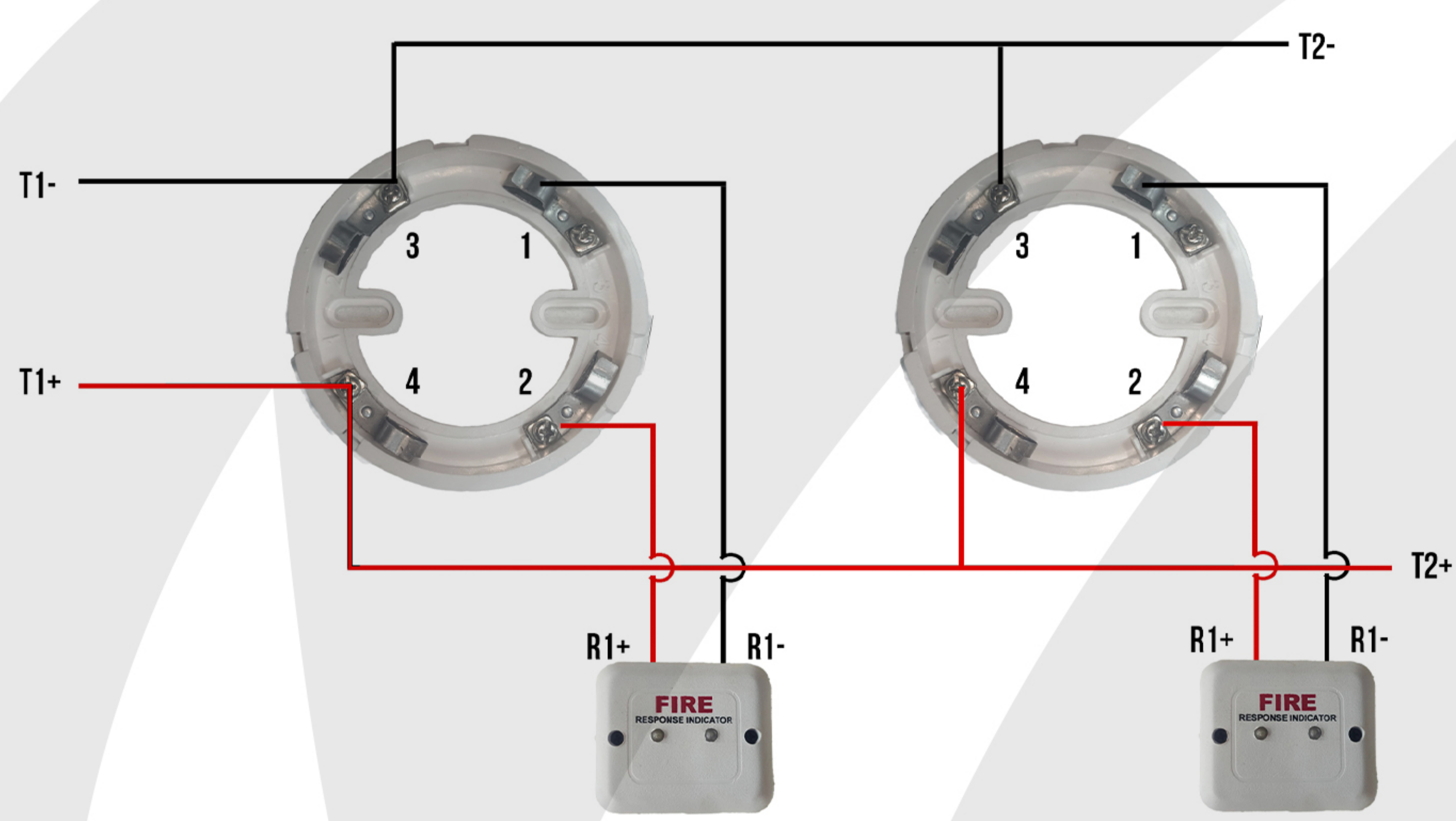
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ENGINEERING / ARCHITECTURAL DIAGRAM



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.