

VE-CSD12V

CONVENTIONAL SMOKE DETECTOR



OVERVIEW

VE-CSD12V conventional smoke detector is an integral component of a fire alarm system, designed to detect the presence of smoke particles in the air. Using a network of interconnected sensors, it swiftly identifies changes in air composition indicative of a fire, triggering the alarm system to alert occupants and initiate necessary evacuation procedures. With its reliable detection capabilities and widespread application in various settings, conventional smoke detectors serve as vital safeguards against the dangers of fire, ensuring timely response and mitigating potential risks to life and property.



FEATURES

SMOKE DETECTION

Capable of sensing the presence of smoke particles in the air, to provide timely alerts of potential fire hazards.

INTERCONNECTIVITY

Can be linked with other detectors in the system to create a network that enables simultaneous activation of alarms throughout the premises, ensuring prompt notification of occupants.

RELIABILITY

Utilizes proven technology and robust design to deliver consistent and accurate detection performance, minimizing false alarms while maximizing response effectiveness.



VERSATILITY

Suitable for various environments, including residential, commercial, and hospitality settings, adapting to different applications and installation requirements.

EASY MAINTENANCE

Simplified maintenance procedures, regular testing to uphold optimal functionality and compliance with safety standards.

COMPLIANCE

Meets industry standards and regulatory requirements for fire detection and alarm systems, providing assurance of reliability and adherence to safety protocols.

Specification	
Voltage Range	12-30V DC
Alarm Current	10-100mA
Quiescent	60uA@24V DC
Operating temperature	0°C to 49°C
Humidity	<95%RH
Connection	2-wire
Sensor	Photoelectric
Visibility	360°
Product Size	10.6x10.6x5.2cm
Color	off white. (FAF9F6)
Housing	Polycarbonate

COMPATIBILITY

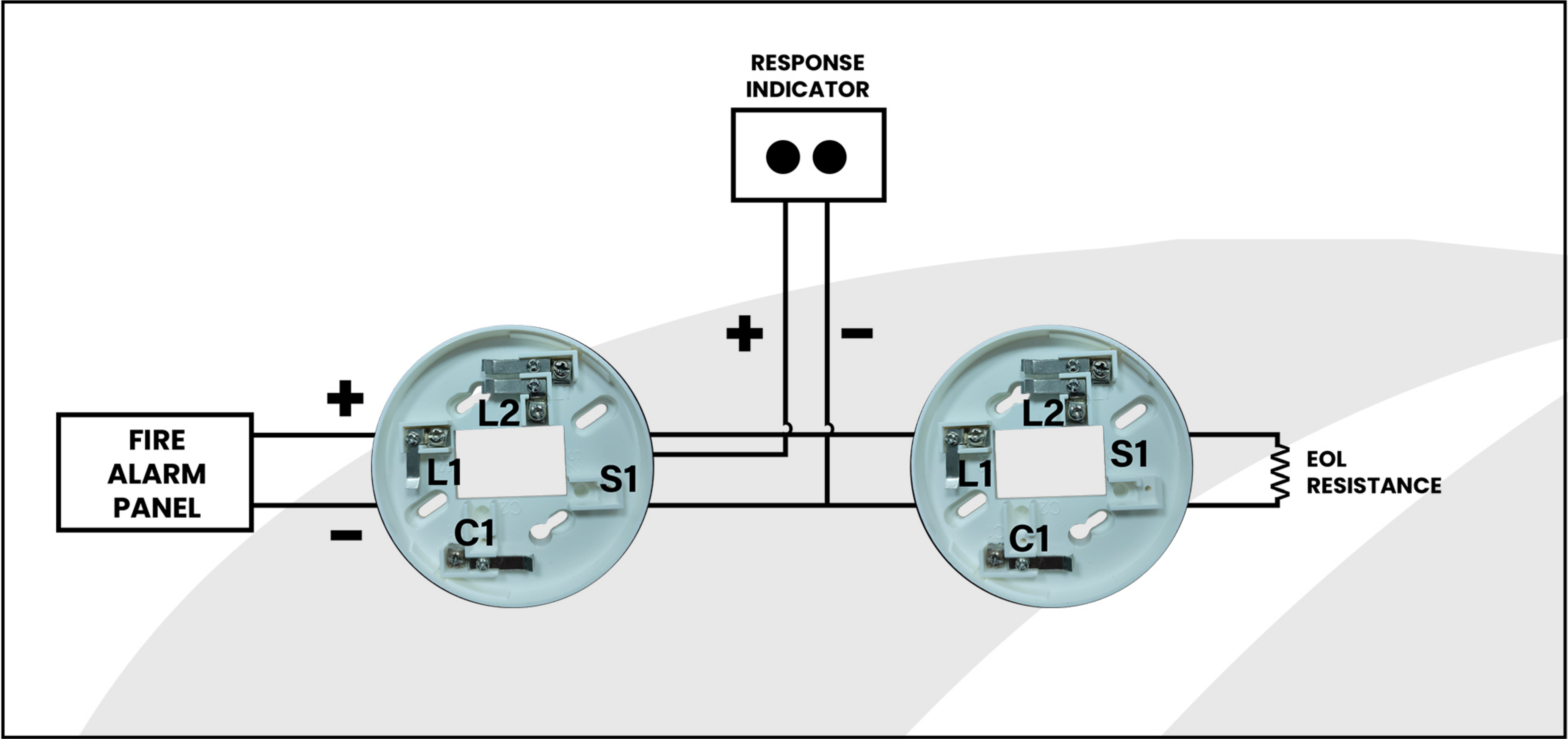
VE-02C40, VE-04C80, VE-06C120, VE-08C160, VE-10C200, VE-12C240, VE-32C640

APPROVALS



Indication	
Normal	Green Blinking in 10second in normal mode.
Fire	Steady Red in fire detection mode.

CONNECTION & WIRING DIAGRAM'S



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.