

Conventional Fire Alarms Carbon Monoxide Detector 250 Series

The Edwards SafeAir™ 250-CO carbon monoxide (CO) detector is a device designed to alert building occupants of potentially dangerous levels of CO in the protected area. The internal electro-chemical sensor communicates with an on-board microprocessor which tracks CO levels over time. The 250-CO self-adjusts for indoor environmental changes and monitors its own performance, automatically compensating for sensitivity drift throughout the course of its service life.

An integrated temporal four-horn provides local signaling capability for the 250-CO. It interfaces with any listed intrusion or fire alarm system by means of its 150mA output relay, which may be connected to the auxiliary input on the control panel.

The 250-CO features a six-year end-of-life timer that will automatically trigger a warning, locally, at the control panel, and optionally, at a central monitoring station, indicating that the device should be serviced.

The 250-CO complies with UL 2075 requirements, making it suitable for use in residential and commercial applications.

Features and Specifications

- Electro-chemical sensing technology
- Self-diagnostics
- SafeTest™ functional test feature enables full functional test with CO gas
- Built-in trouble/power supervision relay
- 150mA relay contact configurable for normally open or normally closed operation
- Long-life six-year sensor
- Transmits sensor end-of-life to the control panel and central station if the system is monitored
- Complies with UL 2075 CO standard
- One-touch TEST/HUSH button
- Integrated 85 dBa temporal 4-sounder for local notification
- On-board LED provides local alarm and trouble indication
- Operating temperature range: 32°F to 104°F (0°C to 40°C)



Ordering Information

Description	Cat. No.	Operating Voltage	Current (Standby)	Current (Alarm)	Alarm Relay	CO Alarm Level	db at 1m/10ft.	Wire Size
Carbon Monoxide Detector	250-CO	12/24V DC	0.020 A	0.04 A	0.15 A @ 12/24V DC Form C	70ppm /60-240 min.	95/85	14-22 AWG

Accessories

Description	Cat. No.
Adaptor Plate	250-COPLT-5PKG
Functional CO Gas Test Spray	CO Gas Test Spray*

*Available from SDI through security distribution (www.sdfire.com)

Weights and Dimensions

Cat. No.	Approx. Shipping Weight (lb.)	Dimensions		
		Width (in.)	Length (in.)	Height (in.)
250-CO	0.50	3.1	4.6	1.3
250-COPLT-5PKG	0.13	4.5	6.5	0.2

