SS-Series Addressable CO Detector

Addressable carbon monoxide (CO) detection with integral communication to provide point location for alarm communication and selective maintenance.



SS-CO installed in B200S-WH sounder base

Features

- Intelligent CO detector
- Automatic drift compensation of CO cell
- RealTest® CO testing capability
- UL 2075 listed
- Audible signal for CO alarm when used with a B200S series base
- 10-year CO cell with end-of-life warning and fault
- New modern profile
- Expanded color options

SS-Series detectors are intelligent (addressable) detectors with point ID capability that enables each detector address to be set with rotary address switches providing exact device locations. SS-Series detectors support current SK, IDP, LiteSpeed™ and SS Protocol systems. Refer to the Addressable Detector and Sounder Base Compatibility Chart or the Intelligent Control Panel SLC Wiring Manual for specific panel compatibility. The modern design and expanded color options support contemporary aesthetic demands. In addition, each detector is constructed for exceptional installation and maintenance efficiency.

The System Sensor SS-CO is an intelligent, addressable detector incorporating carbon monoxide (CO) detection principles that meet the UL 2075 standard for system-connected life safety carbon monoxide detection. As an addressable detector, additional modules are not needed for point ID which streamlines the installation process. This allows you to upgrade your addressable fire system to meet new CO code requirements in applications with fuel burning equipment such as furnace areas and laundry rooms.

Released through the incomplete burning of various fuels, CO is a colorless, odorless and deadly gas that is virtually impossible to detect with the human senses. Because the potential exists for dangerous levels of CO to accumulate in almost any building, legislation mandating the use of CO detection in commercial spaces continues to grow.

SS-CO is recommended for use in conjunction with the B200S series intelligent sounder bases, which can generate a Temp 4 pattern for CO alarm indication. The B200S series bases recognize the System Sensor synchronization protocol.

Agency Listings

SIGNALING UL LISTED

FM APPROVED

5278-1653:0527

SS-Series CO Detector Specifications

Physical Specifications	
Height	2.7˝ (69 mm) installed in B200S series sounder base
Diameter	6.875˝ (175 mm) installed in B200S series sounder bases
Weight	3.4 oz. (95 g)
Color	White
Operating Humidity Range	15% to 90% Relative Humidity, Non-condensing
Operating Temperature Range	32°F to 122°F (0°C to 50°C)
Electrical Specifications	
Operating Voltage Range	15 to 32 VDC
Operating Current @ 24 VDC:	200 uA (one communication every 5 seconds with green LED blink on communication)
Maximum Alarm Current:	2 mA @ 24 VDC (one communication every 5 seconds with red LED solid on)
Maximum Current:	4.5 mA @ 24 VDC (one communication every 5 seconds with amber LED solid on)
Isolator Load Rating:	0.0063

CO Monitoring UL Standard Reference – Alarm Thresholds are as Follows:	
Parts Per Million	**Detector Response Time**
70 ± 5ppm	60 – 240 min.
150 ± 5ppm	10 – 50 min.
400 ± 10ppm	4 – 15 min.

Per UL standard 2075, the SS-CO has been tested to the sensitivity limits defined in UL standard 2034.

Ordering Information

Part No.			Description
White	Ivory	Black	
SS-CO	—	—	CO Detector
Bases			
B501-WHITE	B501-IV	B501-BL	4" Mounting base
B501-WHITE-BP	—	—	4" mounting base, bulk pack
B300-6	B300-6-IV	—	6" Flanged mounting base
B300-6-BP	—	—	6" Flanged mounting base, bulk pack
B200S-WH	B200S-IV	—	Intelligent addressable sounder base
B200S-LF-WH	B200S-LF-IV	—	Intelligent addressable sounder base, low-frequency
B224BI-WH	B224BI-IV	—	Isolator base
B224RB-WH	B224RB-IV	—	Relay base
Accessories			
—	SMB600	—	Surface Mounting Kit (flanged)
TR300	TR300-IV	—	Trim ring
CK300-CO	CK300-CO-IV	CK300-CO-BL	CO Color Kit (includes cover and trim ring)
—	RA100Z		Remote LED annunciator
M02-04-00			Detector test magnet
M02-09-00			Telescoping test magnet

Accessories

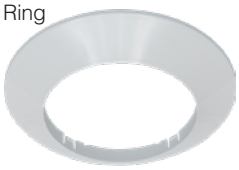
RA100Z
Remote LED Annunciator



CK300-CO-BL
Color Kit



TR300
Trim Ring



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