

# NB240 CO-E

## CO Alarm

**240CO-E carbon monoxide alarms** are powered from a DC 10 V -32 V external power supply (such as from a fire or security panel) and alert building occupants to hazardous levels of carbon monoxide.

Advanced electronics in conjunction with an electrochemical sensor provides early detection of dangerous levels of carbon monoxide, and high immunity against unwanted alarms. ng chamber provide early detection and immunity against unwanted alarms.

### Key Features

- Advanced algorithms provide advanced detection discrimination
- Attractive housing design Low power consumption.
- Japan-made highly reliable stable CO sensor, with automatic adjustment
- High immunity against unwanted alarms
- Loud 85 dB internal alarm sounder
- Dual function action button to temporarily silence unwanted alarms (Hush), and to verify alarm operation (Test)
- Visual and audible indicator for Normal, Alarm, Service and End-of-life
- DC 12/24 V operation is ideal for connection to 4-wire security systems
- Easy installation. No programming required
- 5-year end-of-life factory-programmable timer alerts owner to replace the unit



UL 2075



### TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	DC 10 / DC 32 V
SENSING CELL	Electro-chemical
QUIESCENT CURRENT	30 mA @ DC 12 V / 15 mA @ DC 24 V
ALARM CURRENT (MAX)	75 mA
ALARM RESPONSE THRESHOLD <sup>a</sup>	60 ppm for 60 min ~ 240 min 150 ppm for 10 min ~ 50 min 400 ppm for 4 min ~ 15 min
START-UP INDICATOR	Green indicator, with 1 s flash for 45 s duration
NORMAL CONDITION VISUAL INDICATOR	Continuous green
ALARM CONDITION INDICATOR	Continuous red indicator, and 4 audible beeps followed by 5 sec pause
SERVICE CONDITION INDICATOR	Yellow indicator with 2 flashes every 45 s, and 1 audible beep every 45 s
END-OF-LIFE CONDITION INDICATOR	Yellow indicator with 2 flashes every 45 s, and 2 audible beep every 45 s
SOUNDER OUTPUT	≥ 85 dB @ 3 m
ALARM AND FAULT RELAY	DPDT. N/O or N/C. 1.0 A @ DC 30 V 0.5 A @ AC 125 V
OPERATING TEMPERATURE	0 °C ~ +38 °C
OPERATING HUMIDITY	15 % ~ 90 % RH, non-condensing
DIMENSIONS (h x w x d)	(74 x 150 x 35) mm

### ORDER CODE

240CO-E

