

NB760

Isolator Base



EN-54

EN54-17

NB760 isolator bases provide electrical isolation of alarm zone wiring for addressable fire detection control and indicating equipment. The use of isolator bases as part of the detector zone wiring ensures that short-circuit faults in the alarm zone loop wiring disable a minimum number of detectors. Up to 254 isolator bases can be connected to each alarm zone loop. No adjustments are required and the isolation circuitry is housed within the normal detector base.

Key Features

- Compatible with 2-wire fire detection and alarm systems
- Easy installation with no adjustments required
- Up to 254 isolator bases can be connected to each alarm zone loop
- Self-contained within the detector base. Separate enclosure is not required
- Available with open WizPro2, which is also available to control and indicating equipment developers as a private protocol
- Available with exclusive WizPro1 loop communications protocol (compatible with Global Fire Equipment Junior and Juno-Net control and indicating equipment)

TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	DC (17 ~ 28) V
STANDBY CURRENT (MAX)	30 µA @ DC 24 V
CONTINUOUS CURRENT (MAX)	0.5 A
SWITCHING CURRENT (MAX)	3.0 A
SWITCHING RESISTANCE (MAX)	0.225 Ω
ISOLATING VOLTAGE	DC (12.0 ~ 14.0) V
ACTIVATION CURRENT (PULSED)	45 ~ 60 mA
ACTIVATION CURRENT (CONTINUOUS)	1.2 ~ 2.0 mA
RECONNECTING VOLTAGE (PULSED)	DC (13.0 ~ 15.0) V
RECONNECTING VOLTAGE (CONTINUOUS)	DC (16.0 ~ 27.0) V
DE-ISOLATION IMPEDANCE LIMIT	(180 ~ 330) Ω
OPERATING TEMPERATURE	-10 °C ~ +50 °C
OPERATING HUMIDITY	0 % ~ 95 % RH, non-condensing
STORAGE TEMPERATURE	-25 °C ~ +80 °C
STORAGE HUMIDITY	0 % ~ 98 % RH, non-condensing
DIMENSIONS (EXCLUDING ALIGNMENT COLLAR)	Ø 99 mm x 11 mm

ORDER CODE

	4-Terminal	8-Terminal
NB760-2	✓	
NB760-4 ^a		✓

^a 8-terminal isolator base is required for detectors that have additional output functions, such as remote indicators

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