



Comply to EN standards



# NB762

## Dual Input/output Module

**NB762 analogue addressable 2-input/output modules provide the interface to connect two electrically isolated dry contact switched inputs to addressable control and indicating equipment, together with a single voltage-free relay output.**

A parallel and series resistive input filter allows separate monitoring of the input contact status conditions, and input wiring short-circuit and open-circuit faults. The states are converted to the loop communications protocol by the module, to enable them to be displayed on the control and indicating equipment. Up to 254 addressable alarm zone modules can be connected to each addressable alarm zone loop.

### Key Features

- Single voltage-free relay output
- Two discrete, electrically isolated inputs for connection to dry contact inputs
- Monitors and signals multiple input states
  - Normal
  - Open
  - Closed
  - Open-circuit wiring
  - Short-circuit wiring
- Optional capacitive end-of-line can be fitted
- Polling indicator shows quiescent operation
- Separate indicators for Alarm, Fault and Isolated conditions
- Separate indicator shows when the output relay is activated
- Optional integral isolator model available
- Compatible with 2-wire fire detection and alarm systems
- Easy installation with simple address setting DIP switches
- Available with 254 usable detector address settings per loop when using WizPro2 communications protocol

### TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	DC (17 ~ 28) V
STANDBY CURRENT	≤ 1.8 mA
ALARM CURRENT	4.8 mA
ALARM CURRENT (INCLUDING RELAY)	6.0 mA
INPUT VOLTAGE (PULSED)	DC (9 ~ 11) V
INPUT VOLTAGE RANGE	DC (0 ~ 35) V
ALARM INDICATOR	Red
POLLING INDICATOR	Flashing green
FAULT INDICATOR	Yellow
ISOLATED INDICATOR	Yellow
NUMBER OF INPUTS	2
NUMBER OF OUTPUTS	1
USABLE ADDRESSES PER ALARM ZONE CIRCUIT	254
TERMINAL WIRING	0.4 mm <sup>2</sup> ~ 2.5 mm <sup>2</sup>
OPERATING TEMPERATURE	-10 °C ~ +50 °C
OPERATING HUMIDITY	0 % ~ 95 % RH, non-condensing
DIMENSIONS (W × H × D)	(92 × 92 × 48) mm
INGRESS PROTECTION RATING	IP-54

### ORDER CODE

Integral Isolator

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