

NB761

Input Module

NB761 analogue addressable input modules provide the interface to connect dry-contact switched inputs to addressable control and indicating equipment.

A parallel resistive input filter allows multiple states to be monitored at the input. The states are converted to the loop communications protocol by the module, to enable them to be displayed on the control and indicating equipment.

A single opto-isolated output is available to switch external loads. The output is activated and reset by loop communication messages from the control and indicating equipment.



Comply to EN standards

Key Features

- Ideal for states signals available from a control and indicating equipment
- Monitors and signals five distinct input states
 - Normal
 - Pre-alarm
 - Alarm
 - Open-circuit
 - Short-circuit
- Polling indicator shows quiescent operation
- Separate indicators for Alarm, Fault and Isolated conditions
- Opto-isolated output triggered and reset by control and indicating equipment messages
- 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
OPTO-ISOLATED OUTPUT VOLTAGE	DC (5 ~ 30) V
OPTO-ISOLATED OUTPUT SINK CURRENT	1 mA
ALARM INDICATOR	Red
POLLING INDICATOR	Flashing green
FAULT INDICATOR	Yellow
ISOLATED INDICATOR	Yellow
NUMBER OF INPUTS	1
USABLE ADDRESSES PER ALARM ZONE CIRCUIT	254
TERMINAL WIRING	0.4 mm ² ~ 2.5 mm ²
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

NB761

NB761-I

