



# Input line unit

# EV-AIN2

*The addressable line input unit EV-AIN2 can be used both as an alarm device and as an input unit to the fire alarm/control system EVA-1.*

It has two inputs for potential free closing contacts and the cable between the EV-AIN2 input and the closing contact is supervised for cable break.

### Fire alarm

All types of fire detectors with a **closing contact output** can be connected to the EV-AIN2.

A sprinkler flow switch can be connected to input #1, and the sprinkler section valve is connected to input #2. In this way the EV-AIN2 is not only working as an alarm device, but also as an indication unit for the valve (open/closed).

### Indication

The EV-AIN2 can be set to work as an indication unit. One or two closing contacts can be connected to the inputs indicating door positions, fire damper positions, status of a machine (run/stop) etc.

The EV-AIN2 PCB is also a part of the timer unit EV-TIMAC1, which is used to disconnect smoke detectors in an area for a certain time.

An end of line resistor (4K7) has to be connected over the input closing contact.



### Technical data

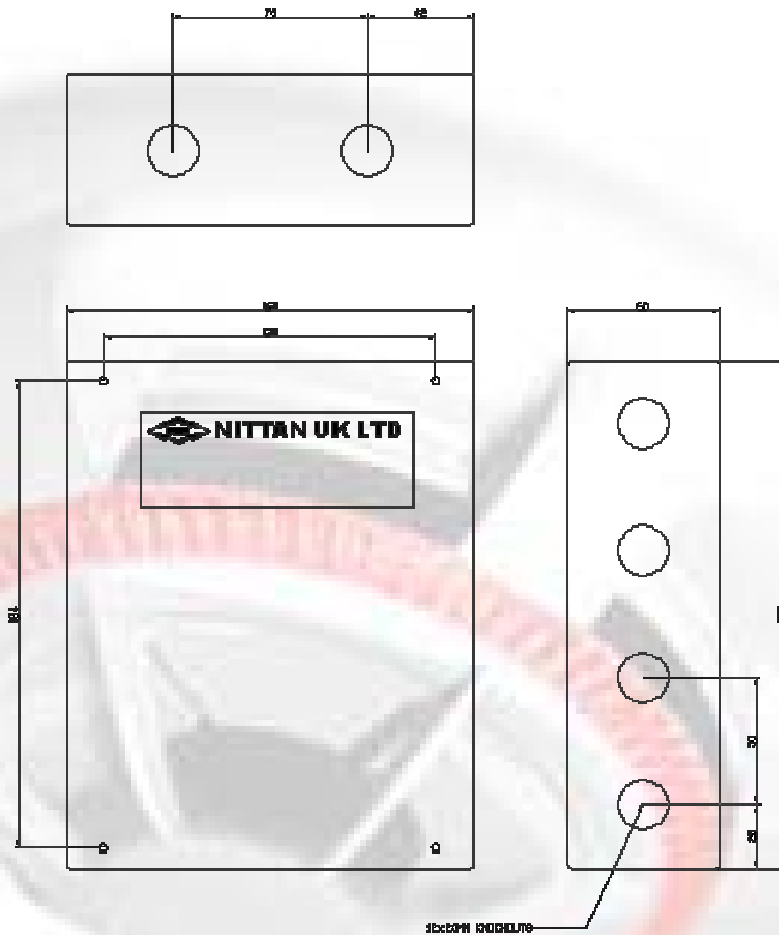
Model number	F16S82024
Input	Two inputs for closing contacts
Max input cable length	15 m
Alarm power consumption	2.5 mA
Supervision current	0.2 mA
End of line resistor	(4.7 kOhm)

Cable terminals	2.5 mm <sup>2</sup>
Operating temperature	-25 - +70°C
Ambient humidity	0 - 100% RH
Ingress protection	IP43
Material	Steel
Colour	Grey
Weight	1040 g

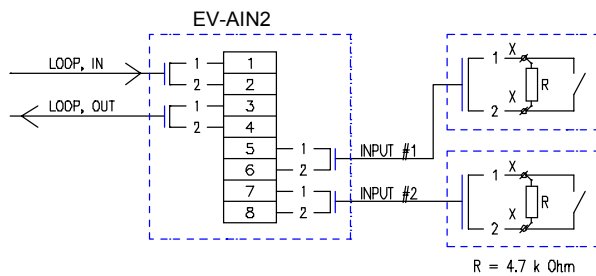


# NITTAN (UK) LIMITED

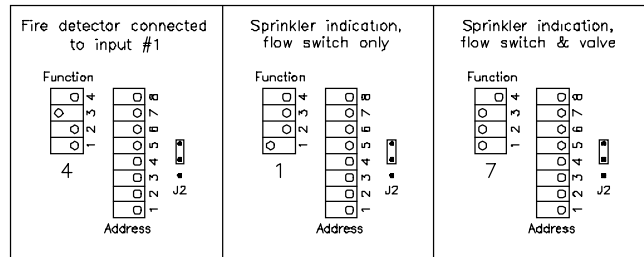
## Dimensions (mm)



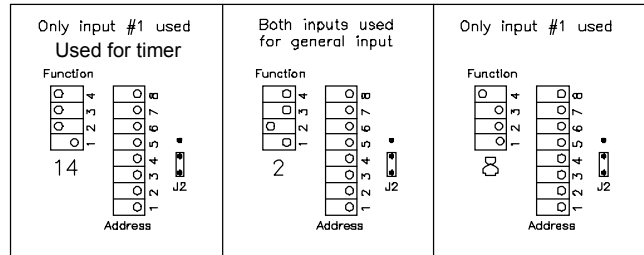
## Connection



## Fire detection



## Input unit



Address  
Nittan (UK) Ltd  
Hiplely Street  
Old Woking  
Surrey  
GU22 9LQ

Telephone  
+44 (0)1483 769 555

Fax  
+44 (0)1483 756 686

E-mail  
Sales@nittan.co.uk

Internet  
www.nittan.co.uk