

Input module, monitored - BSE-310

AutoSafe interactive fire detection system
Product datasheet

Features

- Provides four monitored inputs
- Easily plugged onto each other or onto other I/O modules on a standard mounting rail
- Automatic addressing
- Designed to meet EN 54 requirements, and conforms to CE standards

Description / Application

The input module BSE-310 provides four monitored inputs for digital input devices and other controlling inputs.

Typical applications are monitoring of switches, relays and contacts.

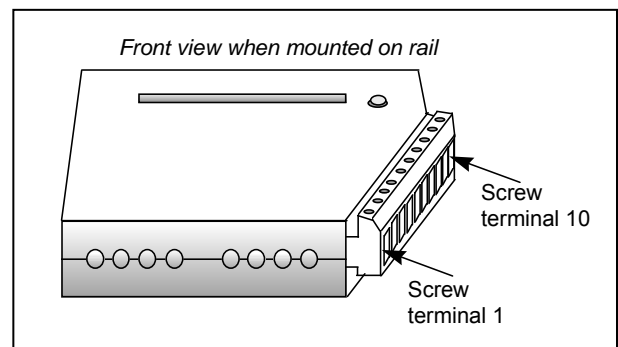
The module is easily plugged onto a mounting rail inside the Fire Alarm Control Panel or the Controller.

Each input circuit is connected to a closed loop with known resistance. A change in the resistance is detected by the module.

The module will automatically detect its own address; no dipswitch or jumper settings are required.



Connections



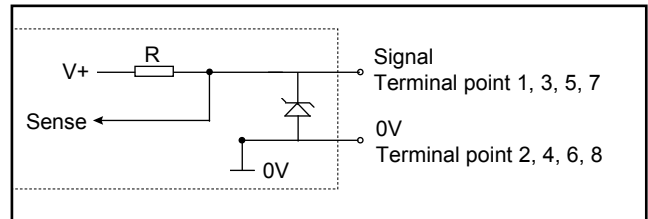
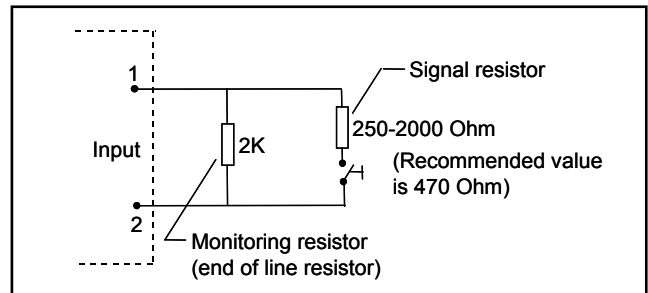
BSE-310 has the following connections:

Screw terminal no.	Signal
1	IN1 +
2	IN1 - (0V)
3	IN2 +
4	IN2 - (0V)
5	IN3 +
6	IN3 - (0V)
7	IN4 +
8	IN4 - (0V)
9	NA
10	NA

Technical specifications	
Dimensions (mm)	95 x 89 x 32
Weight (g)	73,5
Materials	Plastic encapsulation and PCB
Operating temperature	-25°C to +70°C
Storage temperature	-40°C to +85°C
Humidity	Up to 95% non-condensing
Electrical connection	Internal system: plug in connection External connection: pluggable terminals (maximum cable dimension 2,5mm ²)
Mounting	Onto a standard 35mm TS mounting rail
Number of inputs per module	Four pieces monitored
Internal current consumption	24V reg.: 15 mA
Input line monitoring:	
- end of line resistor	2 kOhm
- short circuit	< 200 Ohm
- activated (alarm)	≥ 200 < 1 kOhm
- normal	≥ 1 kOhm < 2500 Ohm
- break	≥ 3 kOhm

Part number	Description
116-BSE-310	Input module, monitored

Schematics



AUTRONICA FIRE AND SECURITY AS

Head office, NO-7483 Trondheim, Norway Tel: +47 73 58 25 00, fax: +47 73 58 25 01, e-mail: info@autronicafire.no
 Oil and Gas division, Stavanger, Norway Tel: +47 51 84 09 00, fax: +47 51 84 09 99
 Maritime division, Spikkestad, Norway Tel: +47 31 29 55 00, fax: +47 31 29 55 01

Visit Autronica Fire and Security AS' website: www.autronicafire.com