

Switched Input Module

Mains Powered 230V~ with Rechargeable Battery Back-up

Model Ei129

- For linking any volt-free closing contacts (e.g. sprinkler systems, fire alarm panels etc.) to 2100, 160RC, 140 and 260 Series Smoke, Heat and CO Alarms
- Activates interconnected alarms when the volt free contacts close (i.e. the sprinkler system/control panel is activated)
- Supplied with cover, or can be mounted under any 2100, 160RC or 140 Series alarm
- 5 Year Guarantee



Product Description

The Ei129 is a Switched Input Module, designed for linking from any volt-free closing contacts (e.g. sprinkler systems, fire alarm panels etc.) to trigger 2100, 160RC, 140 and 260 Series Smoke, Heat and CO Alarms

Connects to the closing contacts (e.g. a sprinkler system flow switch or alarm control panel output on the back of the panel) with a 2-core connection to the Normally open (N/O) and Common (C). The module then connects to the Smoke/Heat/CO alarms using a 3 core & Earth connection

When the contacts close (i.e. the sprinkler system/control panel is activated), the module is triggered, activating the alarms it is connected to

Operation

- When the volt-free contacts connected to the Switched Input Module are closed, all interconnected Smoke/Heat/CO alarms will sound
- When the device triggering the Switched Input Module resets (i.e. when the contacts switch back) it will automatically reset and all interconnected alarms will cease sounding
- In the event of mains failure, the Switched Input Module will automatically switch to its built-in rechargeable back-up and continue to operate normally as above. The back-up cells can power the unit for up to 2 months



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Technical Specification

1. The Switched Input Module is designed to connect to volt free contacts (Normally Open & Common) that are 230V AC rated (e.g. A flow switch on a sprinkler system or alarm control panel). When the contacts close, it will interconnect with the Smoke/Heat/CO alarms on the system causing them to sound. The device is approved to BS EN 60065:2002/A1:2006 and is CE marked.
2. The Switched Input Module runs on 230V AC mains power, and has built-in tamper proof rechargeable Lithium cells that act as a battery back up in the event of mains failure. These rechargeable cells are designed to have a 10 year life and outlast the life of the module itself, whilst providing up to 2 months of operation without mains power.
3. Any combination of 2100, 160RC, 140 and 260 Series Smoke/Heat/CO alarms can be interconnected to a maximum of 20 units (the Ei129 counts as one unit).
4. The Ei129 is designed to be either remotely sited or can be sited under a smoke/heat alarm by removing the cover plate and mounting the alarm base plate onto the unit.
5. More than one Ei129 can be used on a system if required on the condition that no more than 20 units are used in the system (in total the Ei129 counts as one unit).
6. Fitted with a 3 way connector block for ease of wiring.
7. Features 3 x 25mm trunking knock outs for surface wiring and a centre knockout for recess wiring.
8. Temperature Range: 0°C to 40°C. Relative humidity: 0% to 95%.
9. Dimensions: 135mm dia. x 25mm depth.
10. Weight inclusive of packaging: 200g.
11. 5 Year Guarantee.
12. Manufactured in Ireland.



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We reserve the right to amend designs and specifications without prior notice.

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