

Alarm Trigger Module

Connects to Sprinkler & EN54 Fire Systems

Model Ei129

- Ei129 uses output contacts from Sprinkler & EN54 Fire Systems to trigger Ei Smoke/Heat Alarms
- Activates 85dB(A) sounders on interconnected Ei Electronics Smoke/Heat /Fire Alarms
- Works from any N/O, 230VAC mains rated isolated contacts (e.g. Input/Output module on panel or sprinkler system)
- Mounts under any Easi-fit alarm
- Powered from 230V AC mains supply with built-in rechargeable Lithium back-up
- Easi-fit mounting base
- 5 year guarantee



Product Description

The Ei129 is designed to alert occupants to the fire with high sound levels within the dwelling, 75 dB(A) at the bed head and 85 dB(A) at the bedroom door by triggering all interconnected alarms.

The Ei129 is an alarm trigger module designed for use in Houses of Multiple Occupation (HMO's), dwellings and standard domestic properties.

When an EN54 system goes into alarm, an Input / Output module in the loop will activate the Ei129 trigger module. The Ei129 will then turn on all interconnected smoke / heat / fire alarms in the dwelling.

It is powered from the 230V AC mains supply but also has back-up Lithium rechargeable cells.

The Ei129 is designed for use with any Ei2110, Ei140 or Ei160RC Series alarms. It will mount under any of these alarms or alternatively can be fitted with the Ei128COV cover plate to allow remote siting.

The Ei129 is an ideal solution for installations that require an EN54 panel system to be connected to an existing BS5839-6 Grade D system in order to maximize the alarm sound throughout the entire building.

Operation

- When a fire occurs and operates N/O contacts connected to the Ei129 module, it will trigger all the interconnected Ei Electronic smoke / heat / fire alarms to sound.
- EN54 fire systems can be connected to the Ei129 using I/O modules from the EN54 panel supplier. These modules N/O output contacts must be electrically isolated and rated for 230VAC.
- Sprinkler systems can be connected to the Ei129 via their N/O contacts provided they are isolated and rated for 230VAC.
- When the device triggering the Ei129 resets, the Ei129 will automatically reset and turn off the interconnect signal.
- The Lithium rechargeable battery back-up will provide power to the Ei129 in the absence of mains power.

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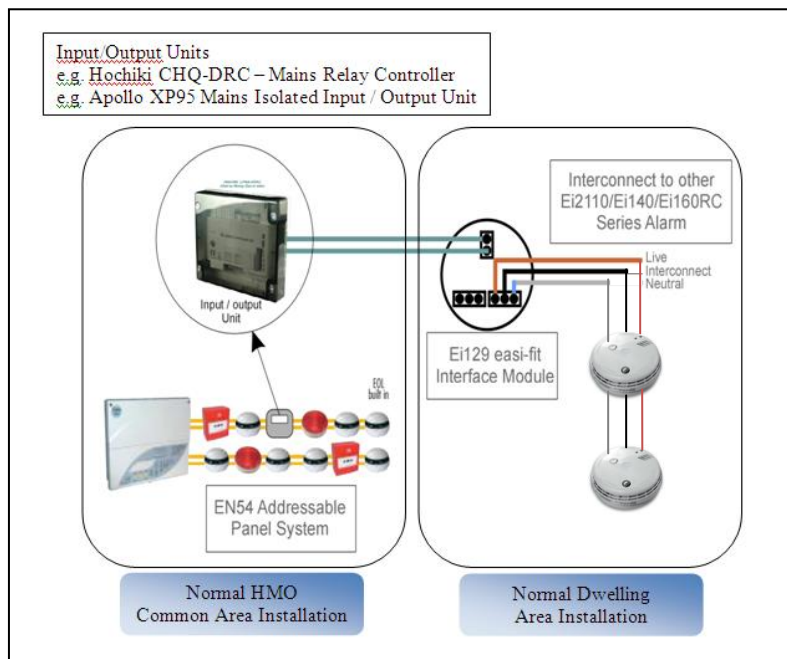
Technical Specification

Supply Voltage:	230V AC, 50Hz, 25mA, 0.5W.
Battery back-up:	Rechargeable Lithium Cells. Standby back-up will last up to 12 months. Alarm back-up will last up to 20 Hours
Alarm Connection:	Up to 12 Ei2110/Ei141/Ei144/Ei146/ Ei161RC/Ei164RC/Ei166RC Smoke/Heat Alarms can be connected to one or more Ei129 modules.
Trigger Input:	Normally Open Contacts that are 230VAC mains rated and isolated.
Fixing:	Mounts directly under any Ei140, Ei160RC or Ei2110 alarm. Alternatively can be remotely sited using Ei128COV cover plate.

Temperature Range:	0°C to 40°C
Humidity Range:	0% to 95% R.H.
Dimensions:	141mm (dia) x 25mm (height)
Weight:	160g
Guarantee:	5 year (limited)
Approvals:	CE marked BS EN 60065:2002/A1:2006

Specifications are subject to change

Interface between mixed communal and individual occupancy fire systems



Sprinkler System Application

