Key Features

Loop powered	✓
Addressed with dip switches or a hand-held programmer	✓
Integral bi-directional short circuit isolator	✓
Visible status, fault and alarm LED indication	✓
Surface or Semi-flush mounting	✓

Overview

The Addressable Zone Monitor enables compatible conventional trigger devices to be connected to the addressable loop, forming as a single radial wired zone circuit.

The interface module is loop powered and there can be a maximum of 16 devices per ProFyre loop, subject to other device loading.

A bi-directional short-circuit isolator has been fitted to the interface module to ensure continued functionality in the event of a short-circuit on either the loop in or out terminals.

The interface is supplied with a back box incorporating four 20mm knock-outs and three mini trunking knock-outs for surface mounting purposes. The device is also compact enough to be mounted directly on to a double European back box for semi-flush mounting. To minimise any damage during installation, all electronics are protected by a cover. The ProFyre Addressable Zone module has an ingress protection rating of IP21C (with back box) for internal use only.

The ProFyre Addressable Zone Monitor is compatible with the analogue addressable ProFyre A4, A2 and T8 2-wire fire alarm systems.

Approvals

The ProFyre Zone Monitor is fully approved by Intertek for safe use and installation in any European Union country and bears the CE mark to show that it complies with all the applicable Directives including the CPR, EMC and the Low Voltage Directive (LVD).

EN54-17:2005 + AC: 2007
Fire detection and fire alarm systems – Short circuit isolators.

EN54-18:2005 + AC: 2007
Fire detection and fire alarm systems – Input/output devices.

Tech Specs

Operating Voltage (Loop)	17 to 28Vdc
Quiescent Current	3.5mA
Alarm Current (LED OFF)	12.6mA
Alarm Current (LED ON)	13.2mA
Isolating Current	7.3mA
Input End Of Line	6.2k
Nominal Alarm Triggering Resistor	1k
Operating Conditions	Tested to: -10°C to +55°C (14°F to 131°F) Humidity: 0% to 95% RH, non-condensing
IP Rating	IP21C
Design Environment	Indoor Use Only
Weight	0.22kg

Ordering Information

Part Number	Description
16-113	ProFyre Addressable Sounder Control Unit with Isolator (requires an external PSU)