

ZA830

Addressable Multi-Sensor



Overview

The ZA830 addressable Multi-Sensor detector features optic and heat sensors with low power consumption and an advanced digital protocol to provide a fast and reliable response to fire conditions.

All detectors can be addressed via a dipswitch at the rear of the detector. The smoke or heat portion of the multi-sensor can be disabled at the panel or via the dipswitch and include a day/night function.

The ZA series of Analogue Addressable Detectors have been designed to be fully compatible with the ZYTEQ Fire GEKKO and OCTO+ range of intelligent control panels.

Certified in Europe to be compliant with the EN54-5 and EN54-7 standards.

Features

- Dual LEDs for 360° visibility
- Flash Green for Healthy and Red for Alarm
- Easy installation and maintenance
- Aesthetically pleasing design
- Durable sensor head, no need for replacement
- Fixed and Rate Of Rise heat detection
- SMD circuit board design, High reliability
- Locking feature
- Day/Night function
- Dip Switch addressing

Technical Specifications

Feature Description	Specification
Power Supply	
Supply Voltage	Loop Powered 20-30 V DC
Current - Quiescent / Surge	280 uA average (500 uA max.)
Current - Device In Alarm	2 mA - Alarm LED illuminated
Operational	
Sensitivity	According to EN54-5 and EN54-7
Smoke Sensitivity Settings	Low / Normal (default) / High
Heat Alarm Setpoints	55°C / 65°C (default) / 75°C / 85°C
Multisensor Modes	Heat / Smoke / Combined (default)
Reset/Start-Up Times	20 seconds max.

Feature Description	Specification
Physical	
Dimensions	107 (D) x 54 (H) mm including base
Weight	115 g (without base) & 155 g (inc. base)
Colour / Case Material	White / ABS
Cable Size	1.0 - 2.5 mm ²
Environmental	
Normal / Transient Operation Temperature	0°C to 70°C (Dependant on the Control Panel setting) / -10°C to 85°C
Max. Humidity	95% RH Non-Condensing

Ordering Information

Order Code	Part No.	Description
ZA830	ZA830	Addressable Multi-Sensor

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