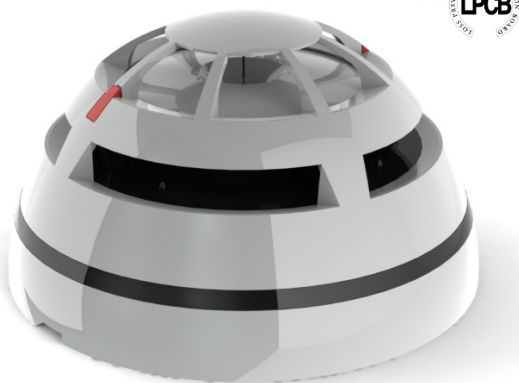


A2000 intelligent multi-criteria detector

EN54-5 : EN54-7: EN54-17



LPCB certificate: 928c/06 – CPD: 0832-CPD-1951

overview

Altair detectors have been designed around a fully digital protocol delivering high reliability and proven performance.

The advanced molding technology ensures 100% visual inspection and honeycomb shaped holes for superior insect immunity. The insect screen employs an extremely high open close mesh for optimum low energy fire response.

description

A2000 multi-criteria detector detects smoke by the Tyndall effect and supervises environmental temperature with low thermal inertia via a centrally placed NTC thermistor.

The combined data of optical and thermal provides the earliest warning of fire offering at the same time a high level of false alarm rejection.

A bi-directional isolator is fitted to help protect against wiring faults and allows auto addressing on compatible control panels.

Up to 240 devices can be installed on a loop.

features

- DRC® dust restrict technology
- High immunity to air borne contaminants
- Fully digital Altair protocol
- Fully compatible with a wide range of European control panel partners
- Unique range of Decorline finishes available
- Customised and bespoke options
- Fully backwards compatible with Vega protocol

technical data

<u>electrical specification</u>	<u>min</u>	<u>typ</u>	<u>max</u>
operating voltage	15v	24v	40v
standby current at 24v		85uA	
current consumption		220uA	
base cable sizes	0.5mm		2.5mm

mechanical specification

height	60mm
diameter	110mm
weight	130g

environmental specification

temperature	-30°C to +70°C
humidity	5% to 95% non condensing
IP rating	21C

