Axis EN

AV-Lite Multicriteria Detector - obsolete

Axis EN analogue detectors are designed around a fully digital protocol. The analogue addressable multicriteria detector combines a photoelectric and thermal sensing element with a very sophisticated algorithm.

A symmetrical smoke chamber ensures optimal smoke sensitivity from all directions. The double dust trap protects the smoke chamber from airborne contamination and external light. A special dust compensation algorithm reduces maintenance periods.

A single, centrally positioned, thermistor supervises ambient temperature with low thermal inertia.

The detector efficiently analyses the status of the protected area guaranteeing a high rejection to false and unwanted alarms.

Continuous screen provides a high level of protection from small insects. The unit provides a fast and secure response.

A Unique range of Decorline finishes are available.



Standards and Approvals

- EN54-5:2000 +A1:2002
- EN54-7:2000 +A1:2002 +A2:2006
- Approved by BRE/LPCB and certified by the UAE Civil Defence

Features

- High reliability and error detection
- Large capacity, up to 240 devices per loop
- Addressing capability by using a handheld programmer (20-VPU100-ADV)
- Digital checking of double address
- Line quality information
- Day / night operation
- 4 selectable alarm thresholds
- 360° visible red LED
- Programmable remote LED output

Specifications

Power Supply(*)	18 V - 40 V
Quiescent Current Consumption	70 µA
Output driver current	I_{out} = 6 mA @ 24 V_{DC}
LED current consumption	I_{LED} = 6 mA @ 24 V_{DC}
Operating Temperature Range	-30°C - 70°C
Humidity (non condensing)	95% RH
Dimensions D x H (standard base included)	110 x 54 mm
Weight	130 g
IP Rating	42 with WP100 silicon protection, 40 without

(*) Product operates down to 15 V, but without LED indication

Order codes and Options

20-LV200-ADV	AV Lite Multicriteria Detector

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.