

Apollo Series 65 optical smoke detector

Part No. **55000-317APO**



Overview

A high-quality optical smoke detector.

Incorporates an infrared light source and a photodiode to detect smoke particles.

Certified to EN54-7 by the LPCB.

Wide 9-33V DC operating voltage.

Red LED illuminates when the detector is in alarm.

Requires a 45681-201APO diode base, 45681-200APO non-diode base or 45681-245APO relay base.

Technical Specifications

Approvals/certifications	Certified to EN54-7 by the LPCB.
Application/operation	TBC.
Supply wiring	2-wire monitored, polarity sensitive.
Supply/operating voltage	9 to 33V DC.
Quiescent current	30-50µA @ 24 VDC.
Alarm voltage	6-28V DC.
Alarm current	61mA @ 28V DC; 52mA @ 24V DC; 18mA @ 10V DC.
Alarm reset voltage	TBC.
Expansion connections	Remote LED output. Current sink to negative line limited to 17mA.
Product dimensions (mm)	100mm diameter x 50mm deep (detector in base); 100mm diameter x 42mm deep (detector only).
Construction & finish	White polycarbonate V.O in accordance with UL94. Nickel plated stainless steel terminals.
IP Rating	IP23D.
Weight	99g (detector only); 150g (detector in base).
Operating conditions/temperature	-20°C to +60°C.



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