

# 55000-317APO

Apollo Series 65 optical smoke detector



## 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

<b>Approvals/certifications</b>	Certified to EN54-7 by the LPCB.
<b>Application/operation</b>	TBC.
<b>Supply wiring</b>	2-wire monitored, polarity sensitive.
<b>Supply/operating voltage</b>	9 to 33V DC.
<b>Quiescent current</b>	30-50µA @ 24 VDC.



<b>Alarm voltage</b>	6-28V DC.
<b>Alarm current</b>	61mA @ 28V DC; 52mA @ 24V DC; 18mA @ 10V DC.
<b>Alarm reset voltage</b>	TBC.
<b>Expansion connections</b>	Remote LED output. Current sink to negative line limited to 17mA.
<b>Product dimensions (mm)</b>	100mm diameter x 50mm deep (detector in base); 100mm diameter x 42mm deep (detector only).
<b>Construction &amp; finish</b>	White polycarbonate V.O in accordance with UL94. Nickel plated stainless steel terminals.
<b>IP Rating</b>	IP23D.
<b>Weight</b>	99g (detector only); 150g (detector in base).
<b>Operating conditions/temperature</b>	-20°C to +60°C.



T 01942 322744 E sales@c-tec.co.uk  
F 01942 829867 W www.c-tec.com



C-TEC, Challenge Way, Martland Park, Wigan, WN5 0LD United Kingdom



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