



# Certificate of Compliance

## FIRE PROTECTION EQUIPMENT

This certificate is issued for the following equipment:

Models 55000-140USA, 55000-139APO, 55000-143USA, 55000-142USA, 55000-146APO and 55000-145APO Series 65A Combination Rate-of-Rise, Fixed Temperature Detectors. Models 55000-327[Smoke], 55000-326[Smoke], 55000-226[Smoke] and 55000-227[Smoke]

Listing appears on following page.

Fire Protection Electrical Signaling Alarm Signal Initiating Devices Fire detection, Heat Actuated

Electrical Signaling Alarm Signal Initiating Devices Fire Detection, Smoke-Actuated Fire Detectors-Smoke

Apollo Fire Detectors Ltd  
36 Brookside Rd  
Havant Hampshire, PO9 1JR  
United Kingdom

This certifies that the equipment described has been found to comply with the applicable requirements, as stated in the Approval Report(s), of the following FM Approval Standards and other documents:

<i>Approval Standards</i>		<i>Other Standards</i>	
<i>Class Number</i>	<i>Date</i>	<i>Organization, Designation</i>	<i>Date</i>
3210	2021	none	
3230	2020		


Original Approval Job Identification: 3054430

Approval Granted: December 16, 2015

Related Report: none

Subsequent Revisions: RR233231

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

  
J.E. Marquedant  
Manager of Electrical Systems  
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1151 Boston-Providence Turnpike,  
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19 August 2022

Date



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Electrical Signaling ☑ Alarm Signal Initiating Devices ☑ Fire Detection, Heat-Actuated ☑ Fire Detection, Heat-Actuated

**Models 55000-140USA, 55000-139APO, 55000-143USA, 55000-142USA, 55000-146APO and 55000-145APO Series 65A Combination Rate-of-Rise, Fixed Temperature Detectors.**

Models	Description	Project ID
55000-139APO	heat with flashing LED, temperature rating 57°C (135°F). RTI classification is Fast with an 8 m x 8 m spacing (25 x25 ft) Operating voltage range of 9 to 33 V dc, with the standby current of 40 to 55 µA and maximum alarm current at 52 mA	3054430
55000-146APO	Standard. Operating voltage range of 9 to 33 V dc, with the standby current of 40 to 55 µA and maximum alarm current at 52 mA	3054430
55000-145APO	heat with flashing LED, temperature rating 93°C (200°F). RTI classification for model 55000-145 detector is Quick with a 6 m x 6 m spacing (20 x20 ft).	3054430
55000-140USA	Standard. Operating voltage range of 9 to 33 V dc, with the standby current of 40 to 55 µA and maximum alarm current at 52 mA	3054430
55000-143USA	Standard. Operating voltage range of 9 to 33 V dc, with the standby current of 40 to 55 µA and maximum alarm current at 52 mA	3054430
55000-142USA	heat with flashing LED, temperature rating 77°C (170°F);	3054430
Used with Base Models:		
45681-200USA	Standard 4in	3054430
45681-220USA	Standard 6in	3054430
45681-255	Standard Relay 4in	3054430



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45681-256	Auxiliary Relay 4in	3054430
45681-257	12V End-of-Line Relay 4in	3054430
45681-258	24V End-of-Line Relay 4in	3054430
45681-232	Low Profile 6in	3054430
45681-251	E-Z Fit 6in	3054430

Must be used with FM Approved compatible fire alarm control panel. (See Local Protective Signaling for control panel listings).

Electrical Signaling Alarm Signal Initiating Devices Fire Detection, Smoke-Actuated Fire Detectors-Smoke

### 55000-327 and 55000-326 Series 65A Photoelectric Type Smoke Detectors.

Models	Description	Project ID
55000-327	flashing LED. Operating voltage range of 9.0 to 33.0 Vdc, with the standby current from 17 to 52 $\mu$ A and maximum alarm current at 52 mA. Suitable for indoor use only (unheated, but not refrigerated areas) with temperatures from 0°C to 60°C.	3054430
55000-326	non-flashing LED. Operating voltage range of 9.0 to 33.0 Vdc, with the standby current from 17 to 52 $\mu$ A and maximum alarm current at 52 mA. Suitable for indoor use only (unheated, but not refrigerated areas) with temperatures from 0°C to 60°C.	3054430

#### Used with Base Models:

45681-200USA	Standard 4in	3054430
45681-220USA	Standard 6in	3054430
45681-255	Standard Relay 4in	3054430
45681-256	Auxiliary Relay 4in	3054430
45681-257	12V End-of-Line Relay 4in	3054430
45681-258	24V End-of-Line Relay 4in	3054430
45681-232	Low Profile 6in	3054430



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45681-251	E-Z Fit 6in	3054430
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Must be used with FM Approved compatible fire alarm control panel. (See Local Protective Signaling for control panel listings).



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☒Electrical Signaling ☒Alarm Signal Initiating Devices ☒Fire Detection, Smoke-Actuated ☒Fire Detectors-Smoke

55000-226 and 55000-227 Series 65A Ionization Type Smoke Detectors

Models	Description	Project ID
55000-226	flashing LED. Operating voltage range of 9.0 to 33.0 Vdc, with the standby current from 17 to 52 $\mu$ A and maximum alarm current at 52 mA. Suitable for indoor use only (unheated, but not refrigerated areas) with temperatures from 0°C to 60°C.	3054430
55000-227	non-flashing LED. Operating voltage range of 9.0 to 33.0 Vdc, with the standby current from 17 to 52 $\mu$ A and maximum alarm current at 52 mA. Suitable for indoor use only (unheated, but not refrigerated areas) with temperatures from 0°C to 60°C.	3054430
Used with Base Models:		
45681-200USA	Standard 4in	3054430
45681-220USA	Standard 6in	3054430
45681-255	Standard Relay 4in	3054430
45681-256	Auxiliary Relay 4in	3054430
45681-257	12V End-of-Line Relay 4in	3054430
45681-258	24V End-of-Line Relay 4in	3054430
45681-232	Low Profile 6in	3054430
45681-251	E-Z Fit 6in	3054430

Must be used with FM Approved compatible fire alarm control panel. (See Local Protective Signaling for control panel listings).



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