

# series 65™

9-33V

WIDE VOLTAGE CONVENTIONAL FIRE DETECTORS

You can now bring the quality of professional fire detectors to 12V security systems—with Apollo Fire Detectors.

Apollo's new 12V Relay Base makes fitting a fire detector simple and cost-effective. Apollo is well-known as a manufacturer of professional smoke and heat detectors for use in commercial buildings. Now the reliability and low-profile good looks of Apollo's detectors can be brought to any home security installation.

Simply install and connect the Series 65 12V relay base and fit the smoke or heat detector. Fire and security in one installation—a perfect fit.



- Optical Smoke Detector
- Heat Detectors
- Relay Base
- Operates at 12V
- Approved to EN54



Add quality fire detection to home security systems—with Apollo

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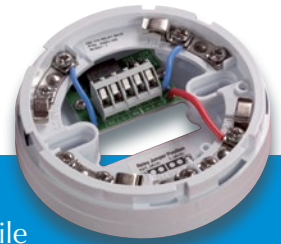


  
WORLD CLASS FIRE SOLUTIONS



# series 65™ 12V RELAY BASE

9-33V



*Add quality fire detection to home security systems—with Apollo*

The 12V Relay Base, Part no. 45681-508, is a low-profile base for use with Series 65 products. It incorporates one volt-free changeover contact. It is designed to be used in 12V applications—including non-latching security systems.

The base is operated by the detector and must therefore be fitted with a Series 65 smoke or heat detector to function. The base is designed to operate over a voltage range of 9V to 15V DC.

The negative line is connected to L1 IN and L1 OUT on the moulding terminals. The positive line is connected to IN+ and OUT+ on the terminal block.

Note: Do not connect any external wire to the –R terminal as this may prevent the relay base from functioning correctly\*.



#### Optical Detector

The Optical smoke detector uses a pulsing LED and a photo-diode to “see” smoke entering the chamber located within the detector housing.  
Part No. 55000-317



#### A1R Heat Detector

The A1R heat detector (rate-of-rise) uses two thermistors to sense heat. Alarm state is reached when a fast increase in heat causes an imbalance between each thermistor.  
Part No. 55000-122



#### CS Heat Detector

The CS heat detector (static response) uses only one thermistor and changes to alarm state at a preset temperature.  
Part No. 55000-137



#### Relay Base

The 12V relay base is designed for use in fire and security systems. For fire systems a jumper on the PCB is fitted to the ‘latching’ position. For security systems the jumper is moved to a non-latching position.  
Part No. 45681-508

For more information visit [www.apollo-fire.co.uk](http://www.apollo-fire.co.uk) or call 023 9249 2412.

\*For further technical information refer to the Engineering Product Guide PP2061.

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A HALMA COMPANY



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LPCB Cert No. 010



Certificate No. 010  
See [www.RedBookLive.com](http://www.RedBookLive.com)



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Certificate number EMS 010

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