



Series 65 Smoke Switch Relay Base Installation Guide

General

The Series 65 Smoke Switch Relay Base is used with Series 65 fire detectors and a compatible control panel or power supply.

The base provides one set of volt-free contacts which change over when:

- the detector signals an alarm *or*
- the supply voltage is interrupted *or*
- the detector is removed from the base *or*
- the wires connecting the PCB to the –R terminal on the base are disconnected

It is essential that L1 IN be connected to the positive supply line from the control unit or supply and that the supply voltage does not fall below 17V when the detector is in alarm.

The base is designed for indoor use only.

Installation

Secure the base to the mounting surface with appropriate screws. Do not overtighten the screws.

Plug in a Series 65 fire detector and, if necessary, lock in position by turning the 1.5mm socket screw in the head. A hexagonal driver, part no 29600-095, is available from Apollo Fire Detectors.

Commissioning

After installing the fire detection system and associated equipment test the operation of the Series 65 detector with smoke or heat as appropriate. Ensure that the auxiliary equipment controlled by the relay operates correctly.

Maintenance

By means of an annual smoke or heat test check that all systems respond correctly.

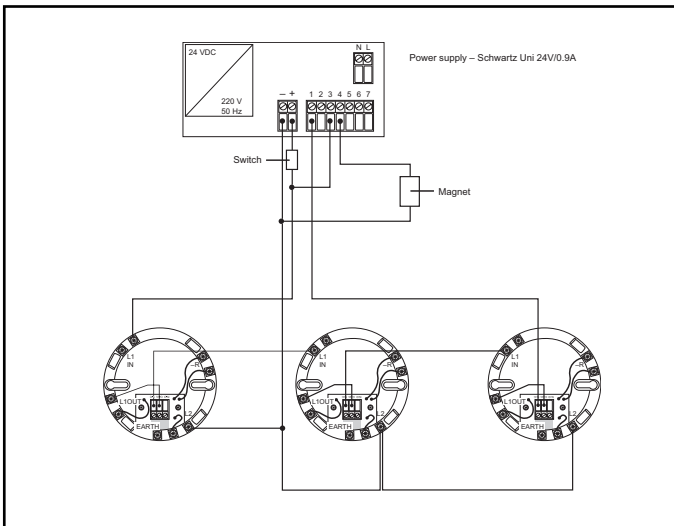
Check the supply voltage, the conditions of the terminals and the integrity of the wiring annually.

Clean the plastic surface if necessary with a damp cloth.

Relay bases are not field serviceable and should be replaced if defective.

Wiring

Connect wires to the base in accordance with the wiring diagram on page 2. **Do not connect any wires to the -R terminal.** Terminate any screen or functional earth wires to the earth terminal.



Technical Data

Supply voltage	17–28V DC
Drop-out voltage	<9V DC
Switching power	30 Watts
Switching current	1A, resistive load
Switching voltage	30V DC
Coil current	20mA with supply above 17V DC
Operating temperature	-20° to +70°C
Humidity	0 to 95% RH