



## Series 65 Data Socket Relay Base Installation Guide

### General

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

The base provides a normally closed volt-free contact which opens when the detector changes to the alarm state.

The supply voltage is 12–28V DC and the positive supply **must** be connected to data socket pin 1. The supply voltage to the detector **must** be maintained at 12V or greater when the detector is in the alarm state.

The relay resets when the detector is reset or when the supply voltage falls below 10V DC.

*The base is designed for indoor use only.*

### Installation

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

Connect wires to the base in accordance with the wiring diagram on page 2.

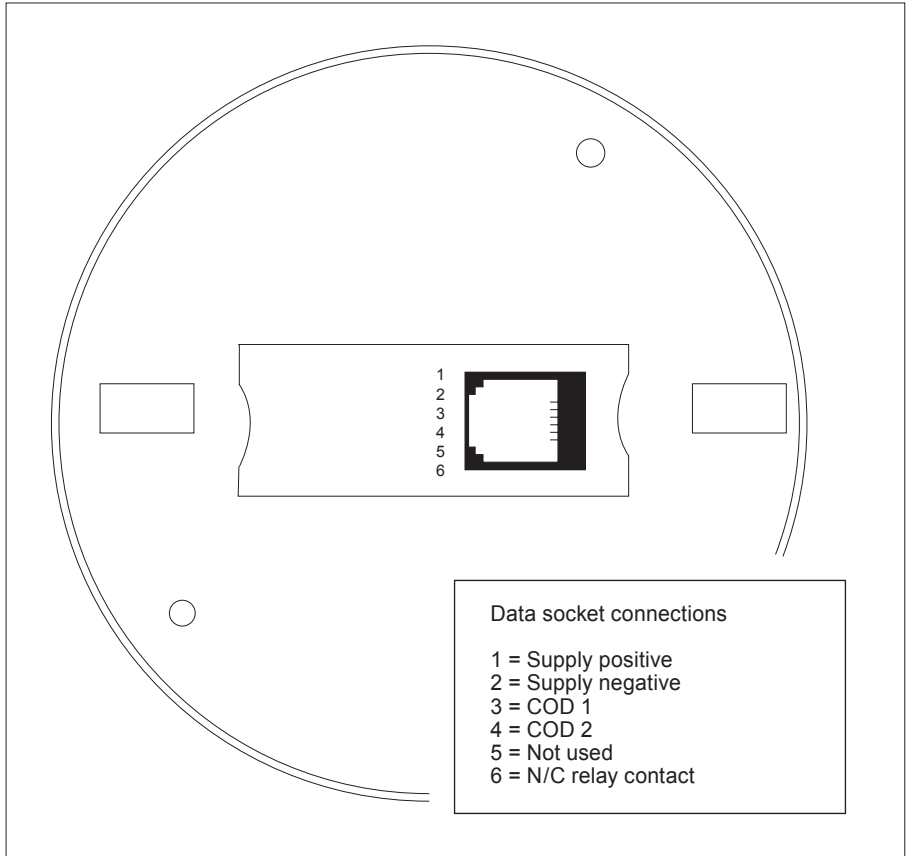
Plug in a Series 65 fire detector and, if necessary, lock in position by turning the 1.5mm socket screw in the head. A hexagonal driver, part no 29600-095, is available from Apollo Fire Detectors.

### 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.

**Wiring**

The base terminals are not used for connection to the power supply. The base is connected solely by means of the data socket as shown.



*Diagram to show rear surface of base with socket connections*

**Technical Data**

Supply voltage	12–28V DC
Drop-out voltage	<10V DC
Switching power	30 Watts
Switching current	1A, resistive load
Switching voltage	30V DC
Coil current	17mA with supply above 18V DC
Operating temperature	–20° to +70°C
Humidity	0 to 95% RH