Series 65 Relay Bases

	▲ Part nos
Standard Relay Base	45681-245
Auxiliary Relay Base	45681-246
EOL (end of line) Relay Base 9-18V DC	45681-247
EOL (end of line) Relay Base 16-33V DC	45681-248
12V Relay Base	45681-508

SERIES 65 RELAY BASES

Series 65 Relay Bases are primarily intended for use with control units using 4-wire detector supply and alarm initiating circuits. Where local codes allow, they may also be used in 2 and 4-wire circuits to provide volt-free control signals to an auxiliary system such as an automatic door closer. They are not suitable for use in systems where it is specified or required that operation of the auxiliary system shall be fail-safe and must not be used with any other type of detector.
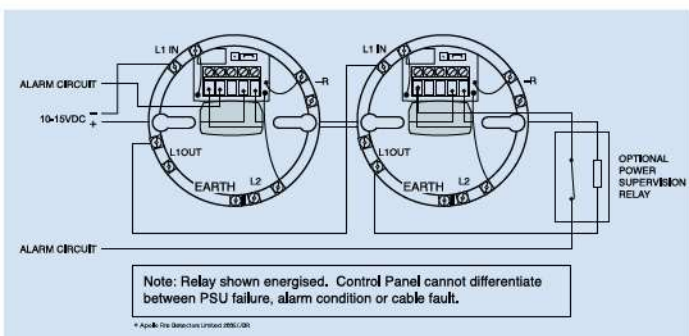

Fig.6   Wiring diagram of 12V Relay Base

The **Standard Series 65 Relay Base, 45681-245**, provides one set of volt-free, changeover (form C) contacts that change state when the detector signals an alarm.

Auxiliary Relay Base, 45681-246, provides two sets of volt-free changeover contacts to facilitate the switching of a remote LED or other auxiliary device.

EOL (end-of-line) Relay Bases are intended for use with 4-wire circuits and feature two sets of changeover contacts and a power supervision relay.

Part numbers: **45681-247**, for circuits having a supply voltage between 9 and 18 volts DC and **45681-248** for circuits having a supply voltage between 16 and 33 volts DC.

The 12 Volt Relay Base, 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 for both latching and non-latching applications – such as security control panels. 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 the 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.