

PRODUCT WARRANTY

Fireblitz Ltd guarantees to you, as a purchaser, that the enclosed relay base will be free from defects in material, workmanship or design under normal use and service for a period of 6 years.

This Guarantee is not assignable. Our liability to you, under this guarantee is limited to repairing or replacing any part which we find to be defective in material, workmanship or design, free of charge to the customer, upon sending the alarm with proof of date of purchase, postage paid to Fireblitz Ltd, Units 15-17 Manford Industrial Estate, Manor Road, Erith, Kent DA8 2AJ.

The terms of this guarantee will not apply in the following

circumstances: If the alarm has been modified, dismantled, contaminated, damaged, neglected or otherwise abused or altered following the date of purchase, or if it fails to operate due to incorrect siting, installation, or damage caused by failure to abide by the instructions supplied. It is specifically drawn to the users attention that substantial periods in alarm will shorten alarm life, during which time it will have provided valuable protection and no claim under the guarantee will be entertained.

The liability of Fireblitz Ltd, arising from the sale of this alarm or under the terms of this guarantee shall not in any case exceed the cost of replacement of the alarm. In no case, shall Fireblitz Ltd be liable for consequential loss or damage resulting from the failure of the alarm or the breach of this or any other guarantee, express or implied or for damage caused by failure to abide by the instructions supplied. This guarantee does not affect your statutory rights.

IMPORTANT: This device is not suitable as a smoke, fire or combustible gas detector. It should not be regarded as a substitute for the proper servicing of fossil fuel burning appliances such as gas, oil, paraffin, bio-fuel, wood, coke, charcoal or coal fired boilers, room heaters and cookers etc, or their flues.

Fireblitz Extinguisher Ltd.

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The image shows the back of a white, circular Firehawk Relay Base. It features a terminal block with three terminals labeled 'S', 'L', and 'N'. A battery compartment is visible, with a warning label that reads: 'Use Intercon Neutral Do NOT connect Live and Neutral. Incorrect alarms will be damaged. #17000999'. The product is set against a background with curved grey lines.

Firehawk
SAFETY PRODUCTS

RECHARGEABLE LITHIUM BATTERY

Relay Base

Model: FHN600RELAY
With single pole change-over relay

MANUAL

CE

FOR USE WITH FIREHAWK
MAINS SMOKE (FHN250BB/RB)
& HEAT ALARMS (FHN450BB/RB)

UK
CA

Contact rating: 8A @ 250V AC / 8A @ 30V DC

READ AND RETAIN THIS USER MANUAL

INTRODUCTION

The FireHawk FHN600Relay is designed to replace the baseplate supplied with the FHN250 and FHN450 ranges of mains powered smoke and heat alarms. When assembled to either a smoke or heat alarm, it allows all connected alarms to activate door releases, remote sounders, flashing beacons or signal central warning panels and call systems. It does this by receiving a digital signal from the alarms interlink feature and using it to power a single pole changeover relay which in turn can be used to switch connected devices on or off.

The FHN600Relay can be configured to three different latch settings: -

- Normal (N): latch when an alarm is active or pulse for 20 second when tested.
- Long (L): latch until reset when an alarm in the system is active or tested. To unlatch the relay, switch the latch type switch to the (S) position.
- Short (S): pulse for 500ms every minute while an alarm is active or once when tested.

INSTALLATION

WARNING: This device and any connected alarms should be installed by a qualified electrician and in accordance with BS7671.

Install the relay base in place of a smoke or heat alarms mounting plate. Ensure all connected circuits, and those intended for use, are disconnected from the mains power supply before installation. Interconnect terminals and circuits are not to be accessible and must only ever run to other Interconnect terminals.

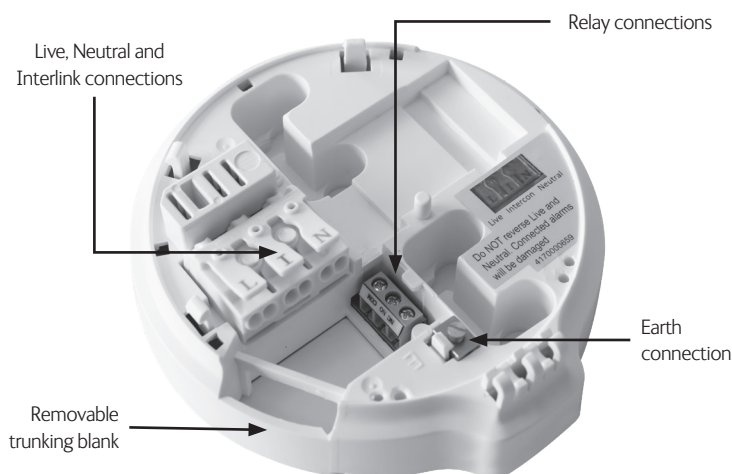
WARNING: Do not use the interconnect circuit to directly switch other devices without correctly using the relay base. Do not use it to connect to alarms with other brand names or made by other manufacturers.

The power supply should be from the same supply used for the connected alarms in the circuit AND should be from one of the following two sources (See BS 5839-6:2004):

- a. An independent circuit at the dwelling's main distribution board with no other electrical equipment connected (other than a dedicated supply failure monitoring device) or:
- b. A separately electrically protected and regularly used local lighting circuit.

WARNING: All connected alarms and relay bases should be supplied from the same fuse or circuit breaker.

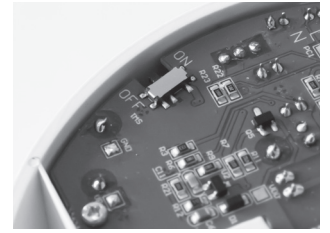
Only suitably approved cabling should be used. The alarms and relay bases should be wired using a minimum of 1mm² "3 core and earth" cable (6243Y); with the Brown to Live (L), Grey to neutral (N) and the Black to Interlink (I). All alarm circuits should be protected by a 6amp over-current device. The maximum total length of wiring should not exceed 250m. Mini-trunking systems can be used via the removable blank shown in Fig.1 below:



WARNING: Ensure the power supplies are turned off before installing this relay base.

Switch on the relay base

Gently remove the thin base plate from underneath the relay base to expose the circuit board. Switch the device on and replace the base plate. The LED will begin to flash red every minute.

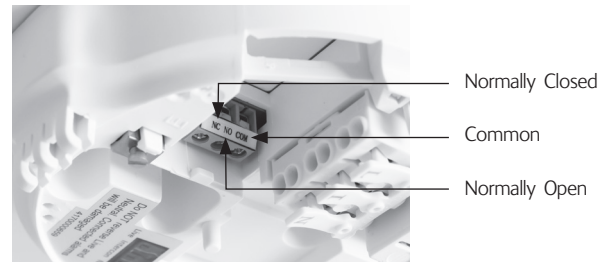


Set Latch Type

1. Set the relay latch type by positioning the three-position switch on the side of the unit.



2. Using the fixings supplied attach the relay base to the desired location.
3. Connect the mains supply and interlink wires to the connectors - Brown to Live (L), Grey to neutral (N) and the Black to Interlink (I). Be sure to sleeve the bare earth wire and terminate it in the connector. The LED will be green when mains power is on.
4. Connect the wires from the remote device (the one to be switched on or off) to the relay connector shown below, ie: the device supply wire to COM and the wire to be switched on or off to either NO or NC. NO (normally open) means the supply to the remote device will normally be switched off; NC (normally closed) means it will normally be switched on.



FireHawk alarms from the FHN250 or FHN450 range can now be installed directly onto the relay base using the instructions supplied with them. Please discard the mounting plate supplied with the alarm.

TESTING

Once powered with mains ensure the LED is permanently green. If the mains power is disconnected it will flash red once per minute.

Test the interlink by pressing the test button twice on any alarm in the system (see alarm instructions). Ensure the relay base is activated along with the other devices in the system.

IMPORTANT: When testing for relay operation, a single press of the test button will not cause the relay to operate, a second press after the alarms sounded will activate the interlinked devices and activate the relay base.