

INTRODUCTION **For models:** BLUE-FOX 01, BLUE-FOX 02

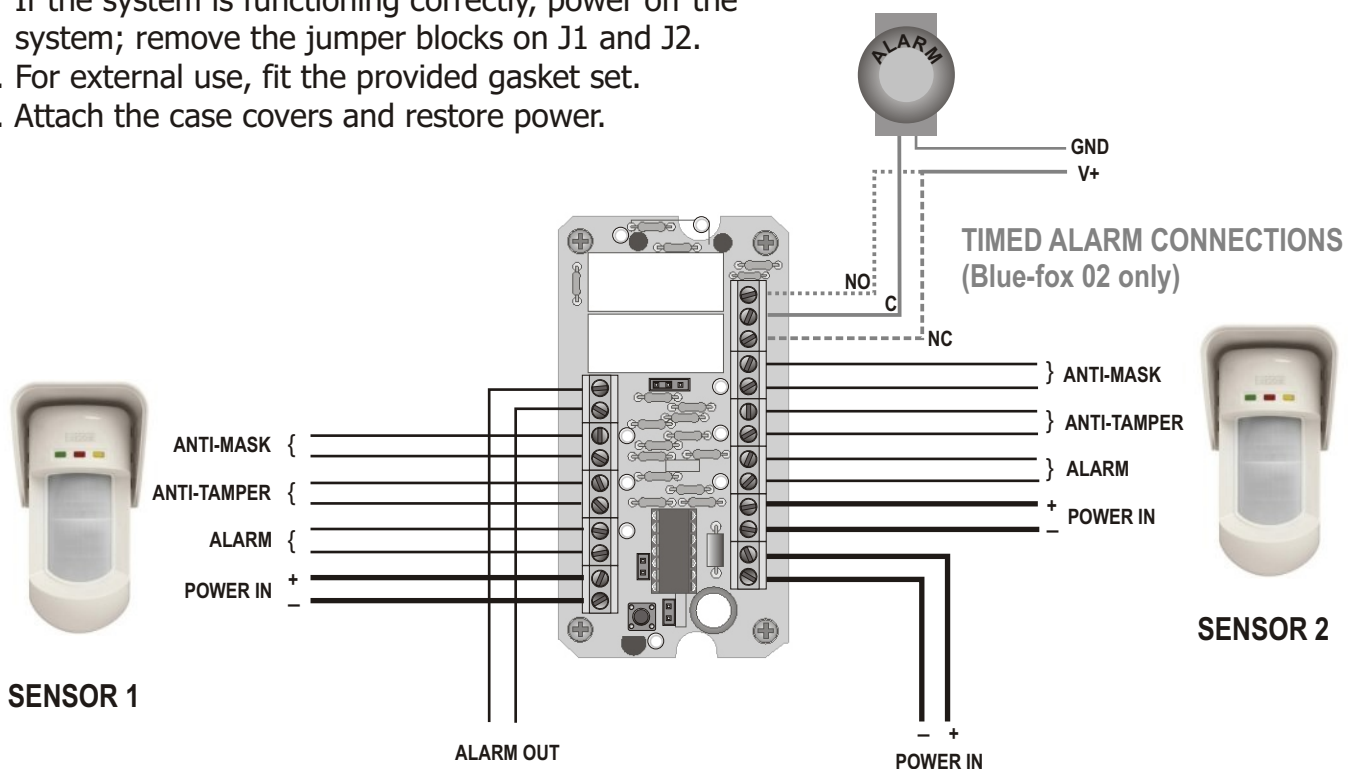
The innovative technology employed in the Blue-fox system ensures that reliability is paramount whilst eliminating the false alarms associated with all other external detection and alarm systems.

Blue-fox is designed to monitor the responses of two multi-scan detection units (Risco Watchout RK315DT recommended) and can instantly identify false alarm situations. Unless both detectors signal an alarm condition within one second of each other, Blue-fox does not trigger an alarm. Tamper or masking detection from either sensor unit also triggers an alarm.

- Incorporates anti-tamper mechanism.
- Works with detectors with normally open or normally closed contact closures.
- Disable anti-tamper detection from sensors during set up and testing.
- Independent, timed (20 minute) relay for triggering external alarm (Blue-Fox 2 only).
- Suitable for outdoor use (when fitted with supplied gaskets).

ASSEMBLY INSTRUCTIONS

1. Remove the unit's cover.
2. Connect Blue-fox to the two detection units (see the diagram below). Please refer to the instructions provided by the manufacturers of the detection units. Ensure that J3 is configured correctly for the installed detectors (the default position: NC, is suitable for Risco Watchout detectors). See the Jumper Configuration diagram for details.
3. Connect the Alarm output to your control system or alarm as required.
4. **Blue-fox 02 users only:** OPTIONAL - connect an external alarm to relay 2 as shown in the connection diagram.
5. For testing purposes, place jumper blocks on J1 and J2 to disable anti-tamper alarms. See the Jumper Configuration diagram for details.
6. Power up the system and test for positioning and correct operation.
7. If the system is functioning correctly, power off the system; remove the jumper blocks on J1 and J2.
8. For external use, fit the provided gasket set.
9. Attach the case covers and restore power.



JUMPER CONFIGURATION

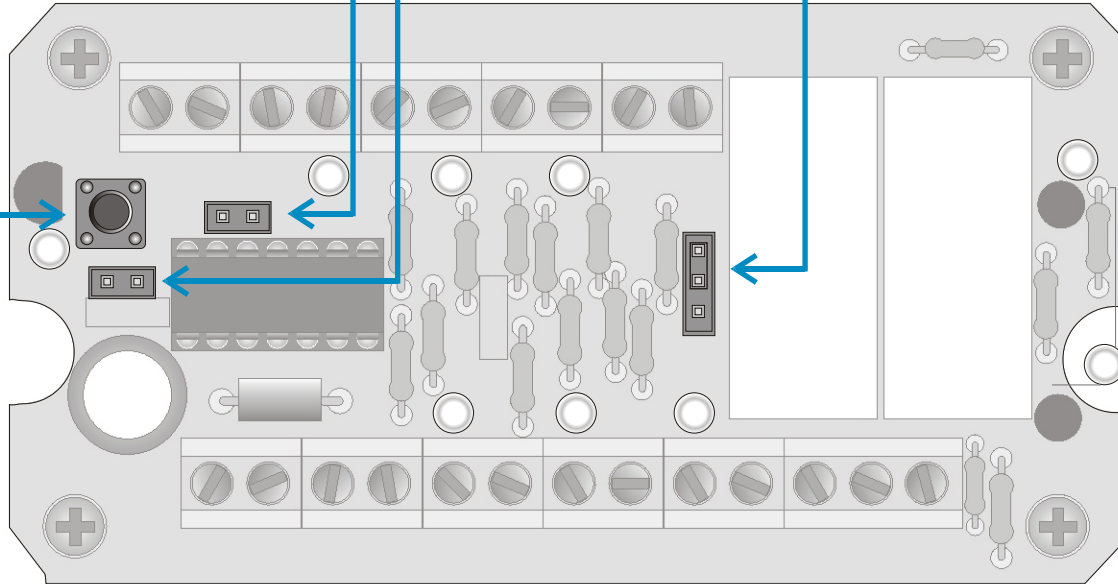
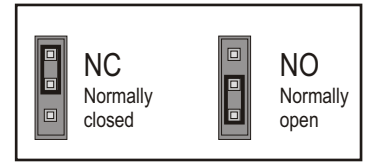
Blue-Fox
Anti-Tamper
Switch

Sensor and Blue-Fox
Anti-Tamper

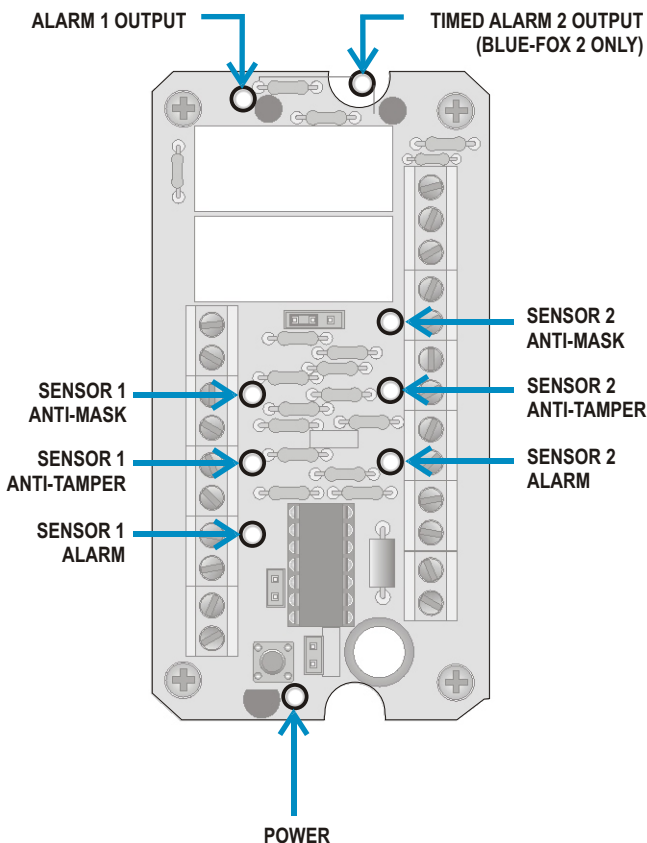


J1 Sensor 1
J2 Sensor 2/Blue-Fox

J3 Sensor Alarm
Relay Configuration



LEDs



SPECIFICATIONS

Power Input	10-14 VDC, 1A
Power Outputs	2 x 12VDC, <1A
Standby Current	3mA
Dual Detector Relay	74mA
Time Alarm Relay	98mA
Inputs	2 x Sensor Alarm 2 x Sensor Anti-Tamper 2 x Sensor Anti-Masking
Relays	1 x relay contact closure, NO <i>Blue-Fox2 only:</i> 1 x timed relay (20mins), NC or NO
Relay Ratings	240VAC/28VDC, 5A
Dimensions	114mm x 67mm x 40mm
Weight	154g
Operating Environment	-15°C to +50°C, 0-95%RH (non-condensing)
Recommended Sensors	2 x Risco Watchout RK315DT
IP Rating	IP 65 - using gasket set supplied
Cabling	8-core alarm cable. With the exception of mains cabling, all interconnecting cable should be made with multi-core 7/02 for distances up to 100m, longer distances up to 300m Belden type cable 8723 7/25.