

INSTRUCTIONS

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Instructions

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Hochiki 12 Volt Conventional Mounting Base Installation Instructions

Operation

This base has been designed to provide a relay contact for equipment switching purposes and this volt free relay contact is available on the H7 and H8 terminals. The base as supplied is arranged to provide Normally closed operation. If Normally open operation is required the orange flying lead should be removed from the H7 terminal and fitted to the H8 terminal.

Compatibility

This base has been designed in accordance with local standards and may not necessarily be suitable for use on all 12V Security Control Panels. Check compatibility with the Security Control Panel manufacturer before installation.

Base Type & Detector Head Compatibility

The base type below has been designed to work at 12V and step the voltage up to allow standard 24V detectors to be compatible. As shown in the table below.

Base Name	Part No.	Compatible Detector Name	Part No.
12v detector base	YBO-R/12V	Photo-electric smoke detector Ionisation smoke detector Rate of Rise Heat detectors Fixed Temp. Heat detectors	SLR-E SIJ-E DCD Range DFJ Range

Note:- The YBO-R/12v does not signal detector head removal. It is therefore recommended that the head locking facility be used with this base.

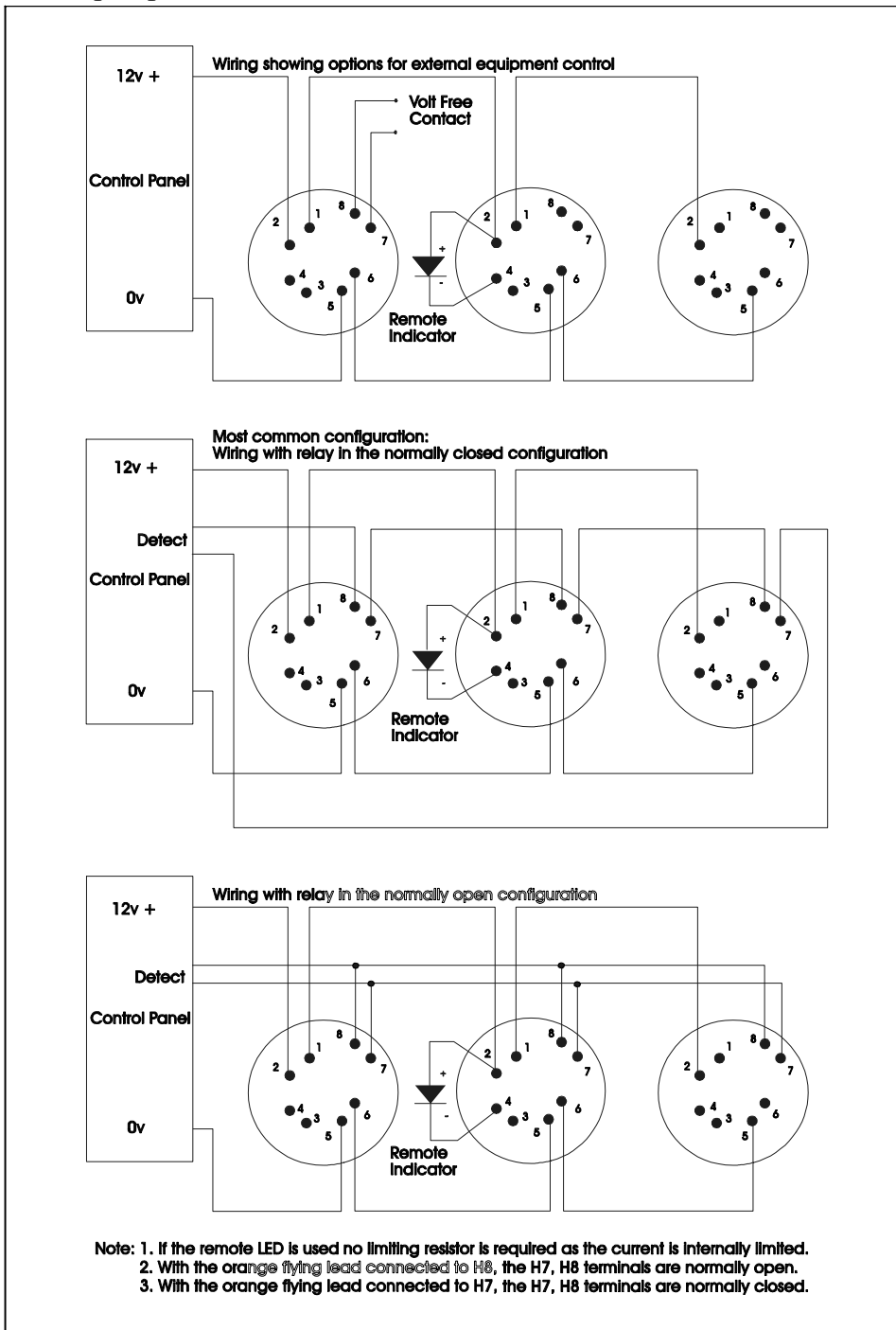
Specification

Operating Temperature Range	-10 °C to +50 °C
Operating Voltage	10 to 15 VDC
Maximum current in alarm	50mA (including remote indicator)
Quiescent current	230µA
Remote Indicator Current	6-10mA (across operating voltage range)
Relay contacts	SPST N/O or N/C
Relay contact ratings	24VDC @ 1A
Maximum wire thickness	2.5 mm ² / terminal
Weight	50g
Fixing centres	48mm through to 74mm

Precautions

- ❑ Ensure that the detector is installed in accordance with Local Standards or regulations.
- ❑ Check that the detector is compatible with the base type.
- ❑ Only install in suitable environments, the following should be avoided:-
 - Excessive ambient temperature
 - Where excessive condensation or moisture is present
 - Hazardous areas
- ❑ Do not use a high voltage tester on the base or detector.
- ❑ Ensure that the base is securely fixed to the ceiling or other suitable surface.
- ❑ Ensure that the base terminals are securely fastened.
- ❑ For proper wiring supervision ensure that the cables are routed as shown in the diagram overleaf.
- ❑ Note that all the above detectors will latch the alarm condition and thus also latch the relay. Reset is by interruption of the 12v supply to the base.

Wiring Diagram



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