

Heat Detector – Wired Manual

Model: HDWRD



We extend a warm welcome to you on becoming a part of the Copper Connections family. Our service support Engineers shall be working hard through our channel partners to ensure your satisfaction with the product and after sales services.

We welcome your feedback / query at service@copperconnections.com

Features

Normal Working Indicator

If the unit is working normal, it indicates with a LED flashing once every 6 secs.

Temper Protection

This unit is connected to Always Armed wired Zone of Burglar Alarm System. Hence, whenever the sensor is removed of its wired is cut, the user will be alarmed.

Manual Magnetic Test Sensor

It has a Magnetic Sensor for testing working of the Sensor. Bring any Magnet close to the tapered part of HDWRD. The HDWRD will sound buzzer & one of the LED will glow RED indicating proper working of the unit. This test should be periodically carried out to confirm that the unit is working. Use of Magnet avoids any false alarm which could happen if a manual switch is given.

Operates on 6V to 24V DC – It can also be used as Stand Alone unit by connecting to an Adapter.

Audio Alarm

When Temperature greater than 57 Deg C is detected, an audio indication is given by the sensor.

LED indication for Supply and Alarm

When supply is present, a red LED flashes every 5 secs.

When temperature goes higher than 57 Deg C, the other LED turns RED.

NC or NO type contacts

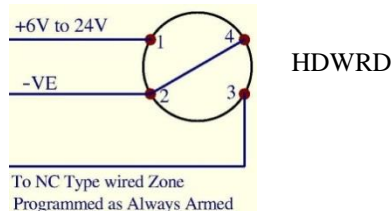
It can be connected to a Burglar Alarm System at the NC wired Zone or NO wired Zone.

In default the unit is configured for NC type wired zone.

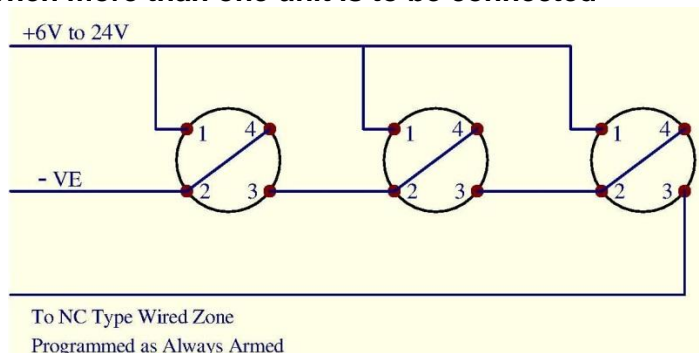
Installation

- Install it in the center of the detecting area.
- Connect Terminals marked as 1, 2, 3 & 4 as shown in diagrams below:

When only one unit is to be connected

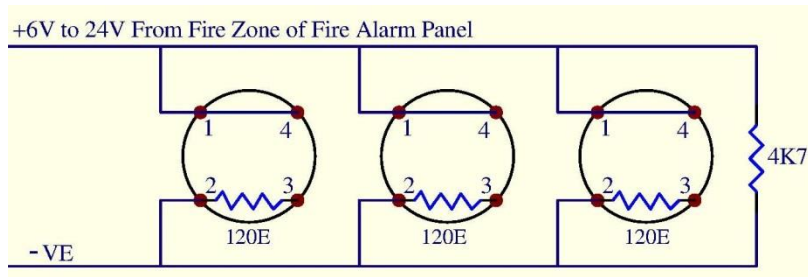


When more than one unit is to be connected



When one or more units are to be connected to a 2Wire Fire Zone of Conventional Fire Alarm Panel

This requires HDWRD to be supplied with NO type contacts in place of NC Type. This is done optionally on request.



Precautions:

- Do not install it in windy surroundings or in dusty surroundings.
- Test the Sensor every 3 months by concentrating a laser beam on the black sensor (mounted on the side).

Technical Specifications

Power Input	6V to 24V DC
Standby Current	265 micro Amp
Alarm Current	70 mA
Alarm Out Put	NC type contacts
Alarm Sensing Temp	> 57 Deg C

Operating Temperature	-10°C to +70°C
Operating Humidity	95% RH Maximum
Dimensions	103mm Dia & 50mm Height

Note:

- Copper Connections Pvt. Ltd reserves the right to alter equipment specifications and descriptions contained herein and make no commitment to update or keep current the information herein. All information herein is subject to change at any time without notice. No part of this publication shall be deemed to be part of any contract or commitment whatsoever.
- Product specifications and features are subject to changes without prior notice due to our constant endeavor to improve the product.

Terms of Warranty

Copper Connections Pvt. Ltd warrants that this product is manufactured under stringent quality standards, making it free from defects in material and workmanship, as per the following terms and conditions:

- The limited warranty for the system is valid for a period of twelve months from the date of purchase or fifteen months from the date of manufacture whichever ever is earlier.
- The limited warranty extends only to the original consumer/ purchaser of the product and is not assignable or transferable to any subsequent purchaser/ end user.
- During the limited warranty period, Copper Connections Pvt. Ltd or its authorised service network will repair or replace, at Copper Connections Pvt. Ltd option, any defective product or parts thereof with a new or factory rebuild replacement items and return the product to the consumer in working conditions. No charge will be made to the consumer for either parts or labour in repairing or replacing the product. All replaced parts shall become the property of Copper Connections Pvt. Ltd.
- Repaired product will be warranted for a balance of original warranty period.
- Upon request from Copper Connections Pvt. Ltd or its authorised service centre, the consumer must provide purchase receipt or other information to prove the date and place of purchase.
- This Burglar Alarm System (like any other commercial or residential alarm system) does not guarantee protection against burglary, fire or other emergency because of variety of reasons.
A properly installed and maintained system may reduce the risk of a burglary, robbery, fire or other events, but it is not an insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result.
- In no case shall seller be liable to anyone for any consequential or incidental damages for breach of this warranty, even if the loss or damage is caused by the seller's own negligence or fault. Consequently, seller shall have no liability for any personal injury, property damage or other loss based on a claim "The product failed to give warning / alarm". However, if seller is held liable, whether directly or indirectly, for any loss or damage arising under this warranty or otherwise regardless of cause, seller's maximum liability shall not in any case exceed the purchase price of the product.
- The consumer shall have no benefit or coverage if any of the following conditions are applicable:
 - The product has been subjected to abnormal use, abnormal condition, improper storage, exposure to excessive temperature, moisture, dampness or fire etc., unauthorised modifications, unauthorised connections, unauthorised repairs.
 - Copper Connections Pvt. Ltd was not notified by consumer of the alleged defect or malfunction of the product during the limited warranty period.
 - The product was used with or connected to equipment not fit for use with Copper Connections Pvt. Ltd system or used in other than its intended use.
- INCASE HIGH VOLTAGES APPEAR ON EARTH.**
- THE DAMAGE IS CAUSED BY LIGHTENING OR DUE TO SPIKES/ SURGES/ HIGH VOLTAGES FROM AC MAIN SUPPLY.**
- The consumer may contact the authorised dealer to call the service personnel for carrying out repairs or maintenance and the same would be attended within a reasonable response time assigned to the dealer. The consumer will be billed for parts or labour charges not covered by this limited warranty.
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- If the product is brought to Copper Connections Pvt. Ltd for repairs, after the warranty period, Copper Connections Pvt. Ltd normal service policy shall apply and customer shall be charged accordingly.
- In no event shall Copper Connections Pvt. Ltd or their authorised dealer be liable for special or consequential damages or any delay in the performance of this warranty due to causes beyond their control. Copper Connections Pvt. Ltd shall not be liable for incidental or consequential damage or a loss of anticipated benefits or profits, loss or impairment of privacy of conversation, work stoppage or loss or impairment of data

arising out of the use or inability to use the product. Company's liability in no event and under no circumstances shall exceed the price paid to the company for goods stated in the invoice.

13. Copper Connections Pvt. Ltd neither assumes nor authorises any authorised service centre or any person or entity to assume for it any other obligation or liability beyond what is expressly provided by this limited warranty. All warranty information, product features and specifications are subject to change without prior notice.
14. Any dispute arising out of this warranty shall be subjected to jurisdiction of the arbitrator within the city of Delhi.
15. The decision of Copper Connections Pvt. Ltd on defects, damages etc shall be final and binding on the parties and no dispute regarding this, could be agitated before any civil court.

Version: HDWRD-2

An ISO:9001:2008 Certified Company

Copper Connections Pvt. Ltd

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