

ROOM / DUCT HUMIDISTATS  
1-2 STAGES

EHR.. EHD..

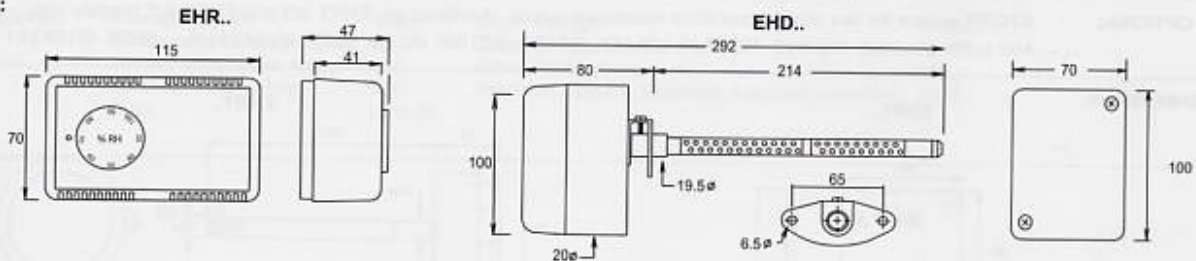
To monitor humidity in rooms or ducts and switch extract fans, alarms, humidifiers or de-humidifiers etc in the event of high or low humidity level. Any combination of humidifying or de-humidifying is possible.



Volt free contacts Max. air velocity 15 m/s  
Terminals 0.5-2.5mm<sup>2</sup> Accuracy  $\pm 3\%RH$   
Media Temp. 0-60°C 0-100% RH non-condensing.  
Sensing element - Specially treated plastic strands which do not require regeneration.  
EHR.. If humidity level exceeds 85%RH, a low voltage supply is recommended.  
Not suitable for aggressive dirty or dusty media.  
Enclosure Flammability:  
EHR.. = UL94-HB EHD.. = UL94-V0

Type	Mounting	Stages	Range % RH	Diff. per Stage	Diff. between Stages	230VAC SPDT	Adjustment	Enclosure
EHR-1	Room	1	30/100	4%	-	5(2)A	Concealed	IP30
EHR-2	Room	2	30/100	4%	2/15% adj.	2 x 5(2)A	Concealed	IP30
EHR-1V	Room	1	30/100	4%	-	5(2)A	Knob	IP30
EHR-2V	Room	2	30/100	4%	2/15% adj.	2 x 5(2)A	Knob	IP30
EHD-1	Duct	1	30/100	4%	-	15(4)A	Concealed	IP54
EHD-1W	Duct	1	30/100	4%	-	15(4)A	Concealed	IP65
EHD-2	Duct	2	30/100	4%	3/18% adj.	2 x 15(4)A	Concealed	IP54

## DIMENSIONS:



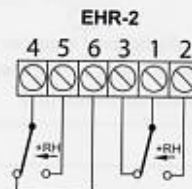
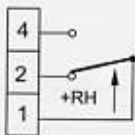
## ACCESSORIES:

**EE-RAD** Radiation /Weather shield for EHD  
To protect from direct sunlight/weather conditions.  
Install vertically as shown only



## WIRING:

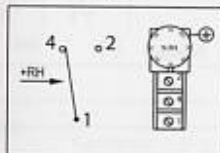
## EHR-1



Humidity rise to scale setting - contact 1 - 4 close.  
Humidity fall (diff) - contact 1 - 2 close.  
Humidifying Only : Contacts 1-2  
Dehumidifying Only : Contacts 1-4

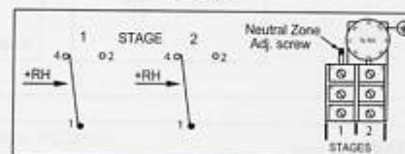
Stage 1 - humidity rise to scale setting contact 1 - 3 close 1 - 2 open.  
Stage 2 - humidity rise above neutral zone, contact 4 - 6 close 4 - 5 open.  
Humidifying Only : Contacts 1-2 & 4-5  
Dehumidifying Only : Contacts 1-3 & 4-6  
Hum & Dehum: Hum stage 1 & De-hum stage 2

## EHD-1



Humidifying Only : Contacts 1-4 & 1-4  
Dehumidifying Only : Contacts 1-2 & 1-2  
Hum & Dehum: Hum stage 1 & De-hum stage 2

## EHD-2



Humidity rise to scale setting - contact 1 - 2 close.  
Humidity fall (diff) - contact 1 - 4 close.

Stage 1 - humidity rise to scale setting contact 1 - 2 close 1 - 4 open.  
Stage 2 - humidity rise above neutral zone contact 1 - 2 close 1 - 4 open.