

**ROOM / DUCT HUMIDISTATS
1-2 STAGES**

EHR.. EHD..

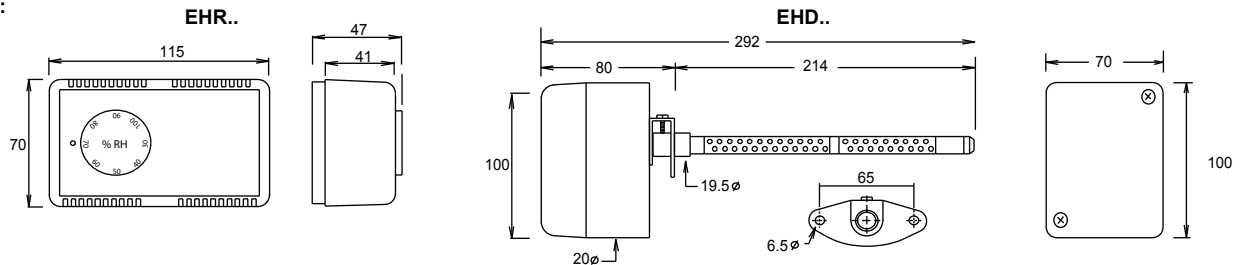
■ To monitor humidity in rooms or ducts and switch extract fans, alarms, humidifiers or de-humidifiers etc in the event of high or low humidity level. Any combination of humidifying or de-humidifying is possible.



Volt free contacts Max. air velocity 15 m/s
 Terminals 0.5-2.5mm² Accuracy ± 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:



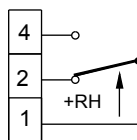
ACCESSORIES:

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

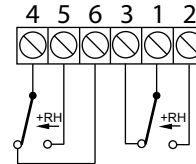


WIRING:

EHR-1



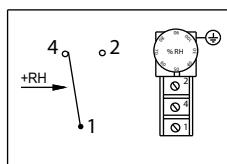
EHR-2



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

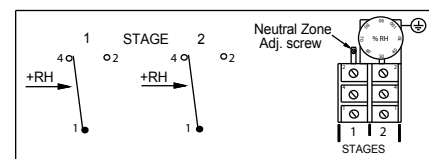
Stage 1 - humidity rise to scale setting contact 1 - 3 close 1 - 2 open.
 Stage 2 - humidity rise above neutral zone, contact 4 - 6 close 4 - 5 open.
 Humidifying Only : Contacts 1-2 & 4-5
 Dehumidifying Only : Contacts 1-3 & 4-6
 Hum & Dehum: Hum stage 1 & De-hum stage 2

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.