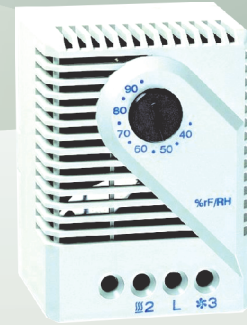




**Features:**

- ▶ Adjustable relative Humidity range
- ▶ High switching capacity
- ▶ DIN Rail mounting



VIPS HG is designed to control the relative air humidity inside of enclosure. when connected to an enclosure heater, (de-humidifier ), It will turn the heater on at the set humidity level in order to raise the dew point. This helps prevent damage and malfunction of electronic components caused by condensation and corrosion.

VIPS HG can be used to control cooling fans, warning lights or other devices.

**Applications:**

- ▶ Electrical & Electronic enclosures
- ▶ Telecommunication systems
- ▶ Display panels
- ▶ Ticket dispensers
- ▶ Automatic teller machine
- ▶ Access and parking control systems

**Technical specifications**

|                                   |   |
|-----------------------------------|---|
| Adjustment Range                  | 40-90% RH   |
| Switching Difference (Hysteresis) | approx. 4% RH at 50% relative humidity  |
| Permissible air Velocity          | 15 m/s  |
| Maximum Switching Voltage         | 250VAC  |
| Contact Type                      | Changeover  |
| Minimum Switching Capacity        | 100 mA at 20 VAC/DC   |
| Maximum Switching Capacity        | 5A at 230 VAC (resistive load)<br>0.2 A at 230VAC (inductive load at $\cos\phi = 0.8$ ) |
| Connection                        | 3-pole terminal (2.5 mm)  |

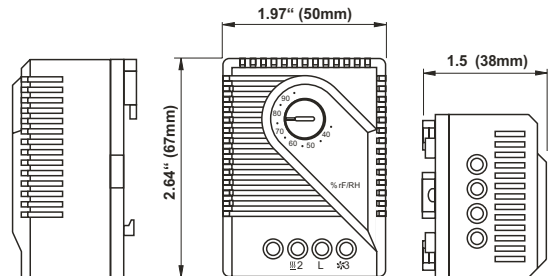
**Mechanical Specifications**

|                 |               |
|-----------------|---------------|
| Mounting        | 35mm DIN Rail |
| Dimensions      | 67x50x38 mm   |
| Weight          | 50 g          |
| Protection type | IP20          |

**Environmental Specification**

|                       |             |
|-----------------------|-------------|
| Operating Temperature | 0 to 60°C   |
| Storage Temperature   | -20 to 80°C |

**Dimension**



**Ordering Information**

| Ordering Code | Description |
|---------------|-------------|
| VIPS HG       | Hygrostat   |