

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

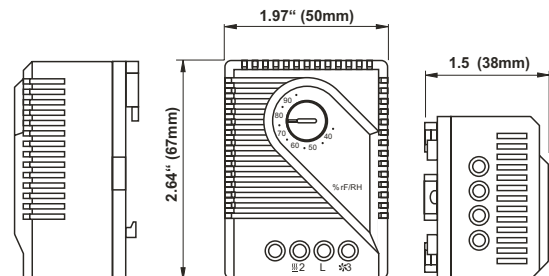
Adjustment Range	40-90% RH
Switching Difference (Hysteresis)	approx. 4% RH at 50% relative humidity
Permissible air Velocity	15 m/s
Maximum Switching Voltage	250VAC
Contact Type	Changeover
Minimum Switching Capacity	100 mA at 20 VAC/DC
Maximum Switching Capacity	5A at 230 VAC (resistive load) 0.2 A at 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

Connection Diagram