Thermal Controller

IP-MH1

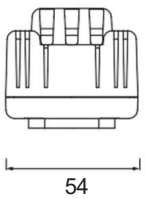
MECHANICAL HYGROSTAT

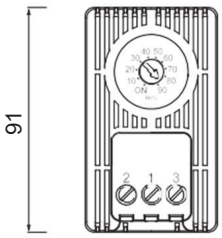
Mechanical Hygrostat for DIN 35mm rail mounting. Typically used to control enclosure heaters.

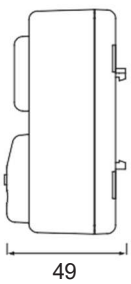
IP Enclosures provide a range of thermal control products for electrical enclosures. The range of controllers are suitable for use with IP Enclosures range of heating and cooling products. The range includes thermostats, hygrostats, electronic thermostat temperature controllers and fan speed controllers. IP Enclosures thermal control products are manufactured to the highest quality in Italy.

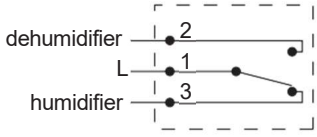
Standards (& Conformities): 2014/35/EU: IEC 60598-1, IEC 60730-1, IEC 60730-2-9
2014/30/EU: IEC 55014, IEC 61000-3-3, IEC 61000-3-2, RoHS CE

Features	Unit	IP-MH1
Relative Humidity Setting Range	Rh%	10-90
Relative Humidity Hysteresis	Rh%	5 (Max 10)
Precision	-	±4
Max. Switching Current		
NC at 240V AC Resistive Load	A	2.2
NC at 120V AC Resistive Load	A	4.4
NO at 240V AC Resistive Load	A	5
NO at 120V AC Resistive Load	A	10
Contact Type	-	Change over
Electrical Connection	-	3-Pole terminal for 2.5mm² wire
Optical Signal	-	LED
Casing	-	PA6, UL94V-0 Self-extinguishing; light grey RAL7035
Protection Degree EN60529	-	IP20
Operating Temperature	°C (°F)	-10 / +50 (+14 / +122)
Storage Temperature	°C (°F)	-40 / +70 (-49 / +176)
Mounting	-	Clip for mounting on DIN rail 35 mm EN50022
Installation Position	-	Vertical position
Dimensions HxWxD	mm	91H x 54W x 49D
Weight (With Packaging)	Kg	0.15 (0.17)
Conformity / Certification	-	CE









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MECHANICAL HYGROSTAT

STANDARDS, CONFORMITIES & CERTIFICATES:

Low Voltage Directive 2014/35/EU Compliance: IEC 60598-1, IEC 60730-1, IEC 60730-2-9
Electromagnetic Compatibility Directive 2014/30/EU Compliance: IEC 55014, IEC 61000-3-3, IEC 61000-3-2
CE Certificate of Compliance: Certificate SZT-24 MA 33485-1

Products are manufactured to Quality, Safety and Environmental Standards.

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