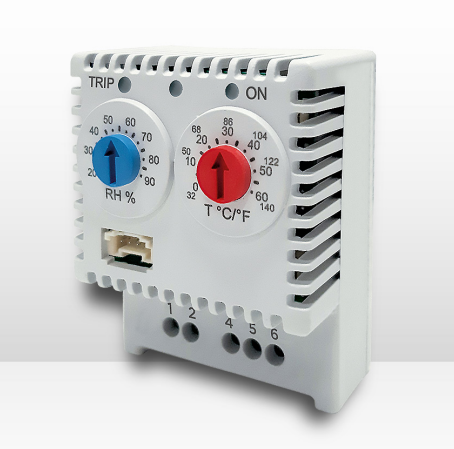
Thermal Controller

IP-ETUH11

ELECTRONIC THERMO-HYGROSTAT

24-72V DC | 24-250V AC | 50/60Hz

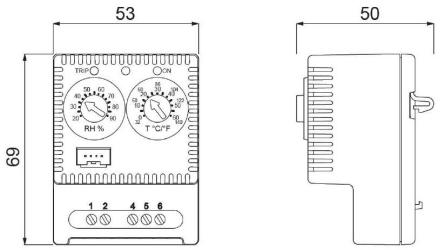
Electronic Hygrothermostat for DIN 35mm rail mounting. Typically used to control enclosure heaters. The change over contact triggers either for high humidity or low temperature, independently set adjustable with LED display of power on and status. Wide voltage range from 24V DC up to 250V AC in a single model. External probe available.

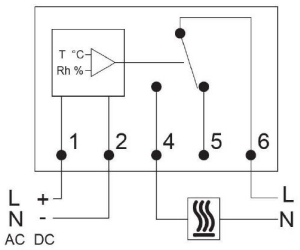


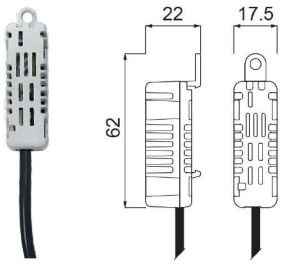
IP Enclosures provide a range of thermal control products for electrical enclosures. The range of controllers are suitable for use with IP Enclosures range of heating and cooling products. The range includes thermostats, hygrostats, electronic thermostat temperature controllers and fan speed controllers. 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-ETUH11
Power supply	V | Hz	24-72V DC; 24-250V AC | 50/60Hz
Temperature Setting Range	°C (°F)	0 / +60°C (+32 / +140°F)
Relative Humidity Setting Range	Rh%	20-90
Precision	-	±1K | ±1%
Temperature Hysteresis	K	2
Relative Humidity Hysteresis	%	4
Max. Switching Current		
NO at 250V AC Resistive Load	A	10
NO at 30V DC Resistive Load	A	8
NO at 240V AC Motor Load	Hp	1/2
NO at 120V AC Motor Load	Hp	1/4
NC at 250V AC Resistive Load	A	10
NC at 30V DC Resistive Load	A	8
Contact Type	-	Change over
Contact Resistance	-	< 10
Service Life	Cycles	> 100, 000
Electrical Connection	-	5-Pole terminal for 2.5mm² wire
Optical Signal	-	LED
Casing	-	PA6, UL94V-0 Self-extinguishing; RAL7035
Protection Degree EN60529	-	IP20
Operating Temperature	°C (°F)	-40 / +60 (-40 / +140)
Storage Temperature	°C (°F)	-40 / +70 (-40 / +158)
Mounting	-	Clip for mounting on DIN rail 35 mm EN60715
Installation Position	-	Vertical position
Dimensions HxWxD	mm	69H x 53W x 50D
Weight (With Packaging)	Kg	0.11 (0.12)
Conformity / Certification	-	CE cULus UL File n. E348803







EXTERNAL PROBE DETAIL

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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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