Thermal Controller

IP-THNO1

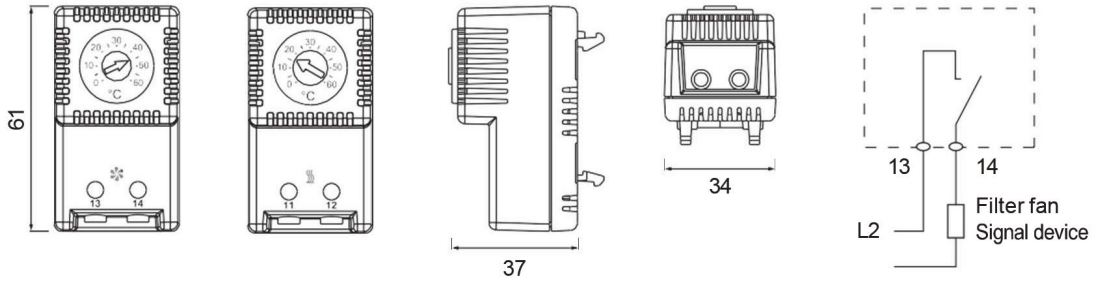
THERMOSTAT | SINGLE | NO CONTACT

Compact Single Thermostat for DIN 35mm rail mounting. Based on bimetallic junction, provides high capacity NO contact which is typically used for controlling ventilation devices.

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

Features	Unit	IP-THNO1
Contact Function	-	NO
Temperature Setting Range	°C	-10 / +50
Precision	°C	±4
Hysteresis	°C	7
Max. Switching Current		
250V AC Resistive Load (Inductive Load)	A	10 (1.6)
125V AC Resistive Load (Inductive Load)	A	15 (2.5)
Max. Switching Power in V DC	W	30
Temperature Sensor Type	-	Thermostatic bimetal
Contact Type	-	Snap action
Contact Resistance	mOhm	< 10
Service Life	Cycles	> 100 000
Electrical Connections	-	2-Pole terminal for 2.5mm² wire
Casing	-	PA6, UL94V-0 Self-extinguishing; light grey RAL7035
Protection Degree EN60529	-	IP20
Operating Temperature	°C (°F)	-25 / +80 (-13 / +176)
Storage Temperature	°C (°F)	-45 / +80 (-49 / +176)
Mounting	-	Clip for mounting on DIN rail 35 mm EN50022
Installation Position	-	Variable
Dimensions HxWxD	mm	61H x 34W x 37D
Weight (With Packaging)	Kg	0.048 (0.055)
Conformity / Certification	-	CE-UL File n. E348803



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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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