Thermal Controller

IP-THD1

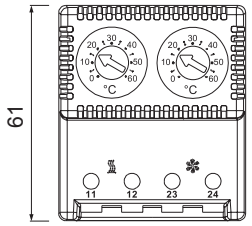
THERMOSTAT | DOUBLE | NC / NO CONTACTS

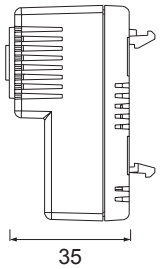
Compact Double Thermostat for DIN 35mm rail mounting. Based on bimetallic junction, provides high capacity and separated NO and NC contacts in various combinations.

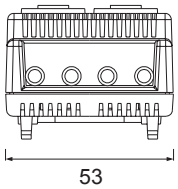
IP Enclosures provide a range of thermal control products for electrical enclosures. The range of controllers are suitable for use with IP Enclosures range of heating and cooling products. The range includes thermostats, hygrostats, electronic thermostat temperature controllers and fan speed controllers.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

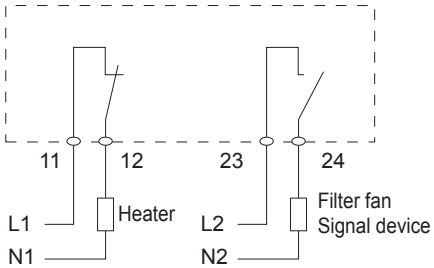
Standards (& Conformities): 2014/35/EU: IEC 60598-1, IEC 60730-1, IEC 60730-2-9
2014/30/EU: IEC 55014, IEC 61000-3-3, IEC 61000-3-2, RoHS

Features	Unit	IP-THD1	
Contact Function	-	NC	NO
Temperature Setting Range	°C	-10 / +50	+20 / +80
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 53W x 35D	
Weight (With Packaging)	Kg	0.080 (0.090)	
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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