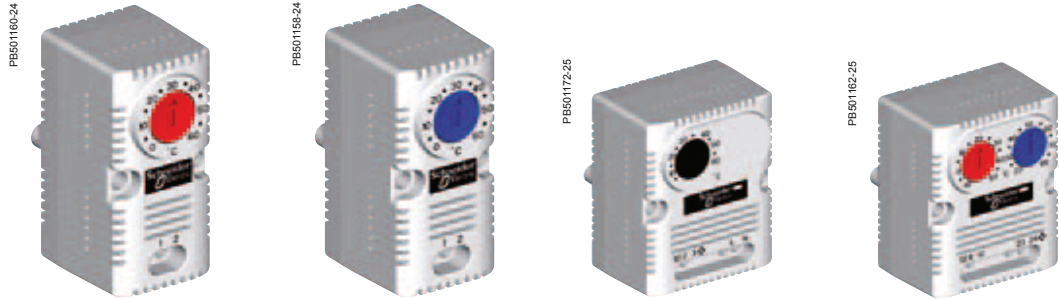


Thermal management system

Characteristics, selection guide

Mechanical thermostats



Characteristics	Thermostat With NC contact	Thermostat With NO contact	Thermostat With NO/NC contact	Double Thermostat
	Thermostat with NC Contact: ■ to control the stopping of a resistance heater when the temperature exceeds the displayed value. Thermostat with NO Contact: ■ to control the starting up of a fan when the temperature exceeds the displayed maximum value, ■ to control the temperature inside the enclosure by only starting up the fan when necessary, thus increasing the service life of the fan and reducing the clogging of the filter.			
Colour button	Red	Blue	Black	Red and blue
Ingress protection rating	IP20	IP20	IP20	IP20
Sensor element	Bimetal	Bimetal	Bimetal	Bimetal
Contact	NC, forced rupture	NO, forced rupture	Inverse, forced rupture	NO / NC, forced rupture
Contact resistance	< 10 mΩ	< 10 mΩ	< 10 mΩ	< 10 mΩ
Service life	> 100,000 cycles	> 100,000 cycles	> 100,000 cycles	> 100,000 cycles
Switching capacity	250 V AC; 10 A (resistive load) 120 V AC; 15 A (resistive load) 250 V AC/120 V AC 2 A (inductive load cos φ = 0.6) 30 W DC		250 V AC; 10 A (resistive load)	250 V AC; 10 A (resistive load) 120 V AC; 15 A (resistive load) 250 V AC/120 V AC 2 A (inductive load cos φ = 0.6) 30 W DC
Max interrupting capacity with direct current	NA	NA	250 V AC 4 A (inductive load cos φ = 0.6) 30 W DC	NA
Connection	Two 2.5 mm ² terminals	Two 2.5 mm ² terminals	Four 2.5 mm ² terminals	Six 2.5 mm ² terminals
Mounting	By clip on 35 mm DIN rail	By clip on 35 mm DIN rail	By clip on 35 mm DIN rail	Clip on 35 mm DIN rail
Enclosure	UL 94 V-0 plastic, light grey	UL 94 V-0 plastic, light grey	UL 94 V-0 plastic, light grey	UL 94 V-0 plastic, light grey
Dimensions	60 x 33 x 43 mm	60 x 33 x 43 mm	67 x 50 x 44 mm	60 x 33 x 43 mm
Weight	40 g	40 g	100 g	40 g
Mounting position	Indifferent	Indifferent	Indifferent	Indifferent
Operating temperature	-20...+80°C (-4...+176°F)	-20...+80°C (-4...+176°F)	-20...+80°C (-4...+176°F)	-20...+80°C (-4...+176°F)
Hysteresis	7°K	7°K	7°K	7°K
Temperature setting range	0...+60°C	0...+60°C	+5...+60°C	0...+60°C
Display	°C °F	°C °F	°C °F	°C °F
Max. command intensity	10 A 250 V		(NO) 5 A (NC) 10 A	(NO) 5 A (NC) 10 A

References	NSYCCOTHC	NSYCCOTHCF	NSYCCOTH0	NSYCCOTH0F	NSYCCOTH1	NSYCCOTH1F	NSYCCOTH2	NSYCCOTH2F
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