

MECHANICAL THERMOSTATS

Normally Open & Normally Closed
Specification/Sell sheet

Certificates

- CSA and CSAus Listed, File Number 80012071
- UL and cUL Recognized, File Number E484831
- CE Compliant

Application

The TTEC series are thermostat controllers used to regulate the temperature inside industrial control panels or cabinets and control cabinet accessories. The TTEC series control fans, heaters, and switch loads. TTEC-100 and TTEC-200 are identical except the TTEC-100 (Red) is Normally Closed which opens at temperature rise, and turns the Heater off, the TTEC-200 (Blue) is Normally Open which closes at temperature rise, and turns the Fan/Fan Filter on.

Features

- Controls a wide range of enclosure temperatures from 14 °F to 176 °F (-10 °C to +80 °C)
- Both are available in Fahrenheit or Celsius
- Mechanical NC and NO Thermostats
- Flame retardant housing, UL 94-V0
- Mountable on three different sized DIN Rails (DIN Rail 35 mm, DIN Rail 32 mm, and DIN Rail 15 mm)

Color

- RAL 7035 - Light Gray



TTEC



Type	TTEC -100	TTEC - 200
Function	Normally Closed	Normally Open
Terminal Operated	Between 11 & 12	Between 23 & 24
VDE Rating	250 VAC, 14 A, 50 Hz	
UL Rating	125 VAC, 15 A, 60 Hz	
Setting Temperature	-10 to +80 °C (+14 to 176 °F)	
Design and Test Standard	UL 60730-1	
	UL 60730-2-9	
	UL 60730-2-13	
	CAN/CSA-E60730 - 1:15	
	CAN/CSA-E60730-2-9:15	
Hi-Pot Test	1800 VAC 0.5 mA, 1 sec	
Mounting	Rail 35 mm according to EN 50022	
	Rail 32 mm according to EN 50035	
	Rail 15 mm according to EN 50045	
Weight	47 gram / 0.103 lb	
Dimensions	60 mm X 34 mm X 47 mm (2.36" X 1.34" X 1.85")	
Color	RAL 7035-Light Gray	
Electrical Connections	2-Pole for wires section of 12 AWG	
Housing Material	PA 6 UL 94-V0	
Environmental	Indoor	
Hysteresis	Approx. ± 5 °C	
Sensing Element	Bimetal	
Control Type	Operating Control, Type 1	
Rated Impulse Voltage	2500	
Operating Temperature	- 20 to +80 °C / -4 to +176 °F	
Shipping and Storage Temperature	- 40 to +80 °C / -40 to +176 °F	

