

Temperature & Humidity Controls

Small Thermostat

Climate Control



ESTNC-F

ESTNO-F

Description

Small thermostats are easy to install and designed to regulate the air temperature inside enclosures. Thermostats increase operating life of fans, heaters and heat exchangers. ESTNC-F (normally closed) thermostat opens at temperature rise and is used to control heaters and low temperature alarms. ESTNO-F (normally open) thermostat closes at temperature rise and is used to control cooling fans, air conditioners and high temperature alarms.

Features

- Compact design
- Wide adjustment range
- Color coded temperature dials
- 35 mm DIN rail mountable
- Tolerance $\pm 7.2^{\circ}\text{F}$ (4K)
- 2-pole terminal for AWG 14 max.
- Protection type: IP30
- Plastic housing UL94V-0

Discount Schedule: C2
Subclass: TGO



Catalog Number	Contact Type	Switching Capacity @ 120 VAC	Switching Capacity @ 250 VAC	Housing Scale	Dimensions in mm	
ESTNC-F	Normally closed	15A resistive/1A inductive	10A resistive/1A inductive	30-140°F	2.4x1.3x1.4	60x33x35
ESTNO-F	Normally opened	15A resistive/1A inductive	10A resistive/1A inductive	30-140°F	2.4x1.3x1.4	60x33x35

Electronic Humidity and Temperature Control



Description

Electronic humidity and temperature control regulates the air temperature and relative humidity inside enclosures. Depending on which contact combination is chosen, the control turns on or off a connected device if either the temperature is below, or the humidity is above the set point.

Features

- Controls both temperature and humidity
- High switching capacity
- Optical function display
- 35 mm DIN rail mountable
- Tolerance $\pm 3.6^{\circ}\text{F}$ (2k)
- 5-pole terminal for AWG 14 max.
- Protection type: IP20
- Plastic housing UL94V-0

Discount Schedule: C2
Subclass: TGO



Catalog Number	Temperature Range	Humidity Range	Voltage	Hz	Switching Capacity @ 120 VAC	Switching Capacity @ 240 VAC	Dimensions in. mm	
EHTC120-F	32-140°F adjustable	50-90% RH adjustable	120 VAC	50/60	8A Resistive 7 FLA/45 LRA	8A Resistive 5 FLA/30 LRA	2.6x2.0x1.5	67x50x39

Contacts	close at...	open at...	use for
3 and 5	humidity rise or temperature drop	humidity drop or temperature rise	heaters de-humidifiers low-temp alarms
4 and 5	humidity drop or temperature rise	humidity rise or temperature drop	cooling humidifiers high-temp alarms

Notes: Data subject to change without notice.

Consult factory for special requirements. Dimensions are in inches. Millimeters shown in () are for reference only.