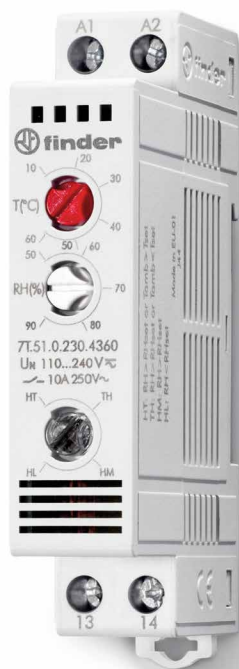


REPORT

7T SERIES

Panel Thermo-Hygrostat and Thermostats



Multifunction Panel Thermo-Hygrostat Type 7T.51

Dedicated unit for controlling the internal climate of control panels and enclosures according to selectable limits of RH and Temperature.

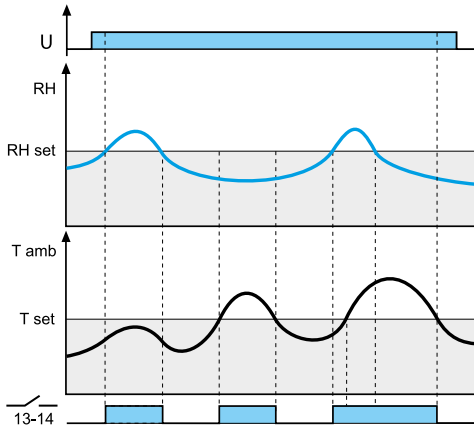
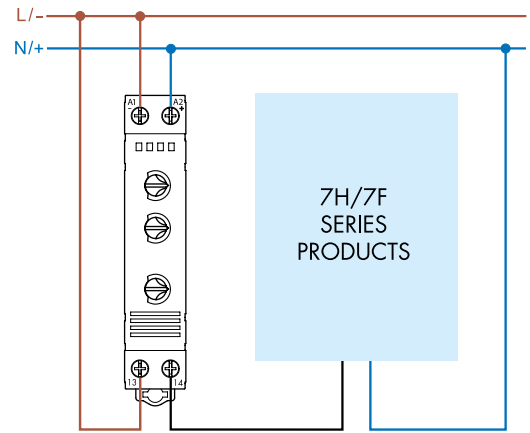
- Small, compact size (17.5mm wide)
- Electronic control
- 4 functions
- Nominal voltage 110...240 V AC/DC
- Temperature range from +10 °C to +60 °C
- Humidity range up to 90 %
- LED status indication
- Box clamp
- 35 mm rail mount (EN 60715)



Multifunction Panel Thermo-Hygrostat Type 7T.51.0.230.4360

Temperature specifications
(Measured with 0.3 K/min)
Setting range (ventilation) +10...+60 °C
Switch differential 4 ± 2 K
Setting accuracy full range $-1...+3$ K

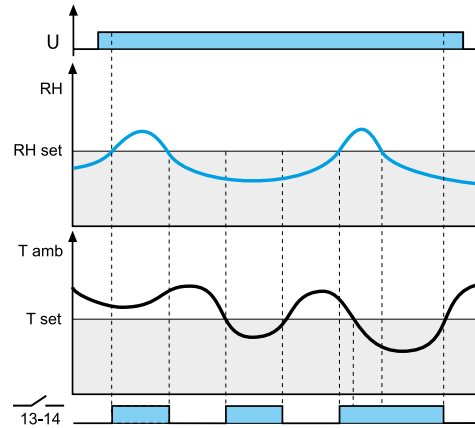
Humidity specifications
(Measured with 0.5 %/min)
Setting range (humidity) 50...90 %
Hysteresis 4 ± 2 %
Setting accuracy 5 %



HT: RH > RHset OR T_{amb} > T_{set}

Power is permanently applied to the thermo-hygrostat.
The contact 13-14 closes if the ambient humidity (RH) is > of set humidity (RHset) OR if the ambient temperature (T_{amb}) is > of set temperature (T_{set}).

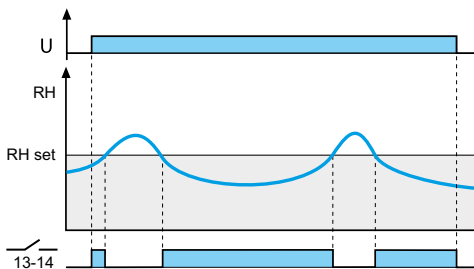
When contact is closed, LED is ON



TH: RH > RHset OR T_{amb} < T_{set}

The contact 13-14 closes if the ambient humidity (RH) is > of set humidity (RHset) OR if the ambient temperature (T_{amb}) is < of set temperature (T_{set}).

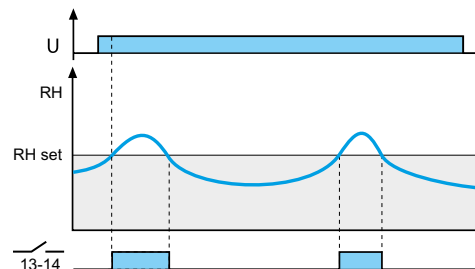
When contact is closed, LED is ON



HL: RH < RHset

The contact 13-14 closes if the ambient humidity (RH) is < of set humidity (RHset).

When contact is closed, LED is ON



HM: RH > RHset

The contact 13-14 closes if the ambient humidity (RH) is > of set humidity (RHset).

When contact is closed, LED is ON