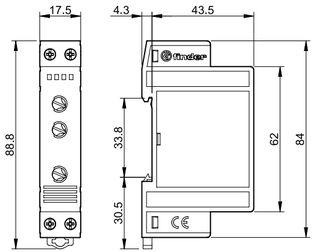
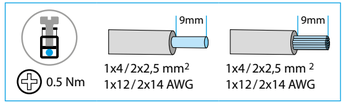
finder
RELAYING INNOVATION



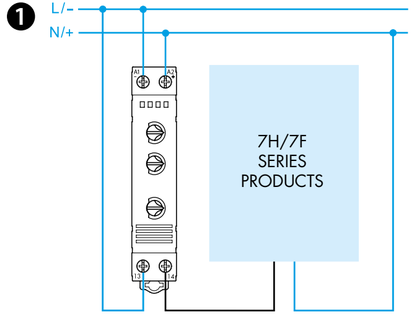
**7T.51**

| | |
|---|---|
| | **7T.51.0.230.4360**<br>$U_N$ 110...240 V AC (50/60 Hz) / DC<br>$U_{min}$ 88 V AC/DC<br>$U_{max}$ 264 V AC/DC<br>P 1.8 VA (50 Hz) / 0.44 W |
| | 1 NO (SPST-NO)<br>10 A 250 V AC |
| | AC1 2500 VA<br>AC15 (230 V AC) 500 VA |
| | DC1: 24/110/220 V (10/0.3/0.12) A |
| | -25…+60°C |
| | IP20 |




**1**

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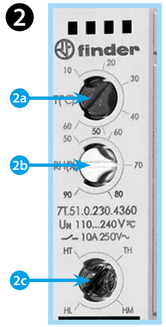
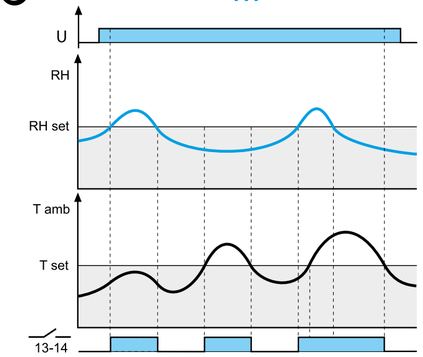


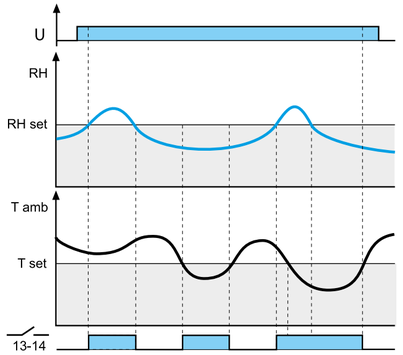

cULus

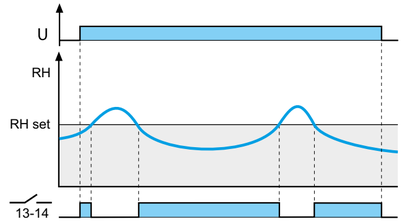
- Operating Control
- Incorporated Control
- Type 1.B action
- Pollution degree 2
- Rated impulse voltage 2.500 V

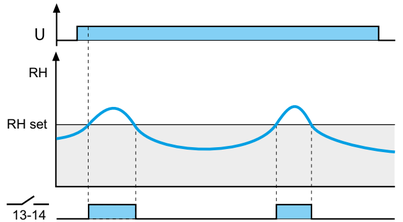
Utility Model - IB7T51VXX - 05/25 - Finder S.p.A. con unico socio - 10040 ALMESE (TO) - ITALY

**3**




# ENGLISH

7T.51.0.230.4360 THERMO HYGROSTAT

**1 WIRING DIAGRAM**

**2 FRONT VIEW**

2a Temperature T(°C)
- Adjustable temperature control range + 10...+ 60°C
- Intervention hysteresis (temperature 4±2) K

2b Humidity RH(%)
- Adjustable humidity control range 50...90%
- Intervention hysteresis (humidity 4±2) %
- Operation with humidity up to 90%

2c Functions: HT - TH - HM - HL

**NOTE**

2c LED: ON when the contact 13-14 is closed

**3 FUNCTIONS**

**HT** RH > RHset or Tamb > Tset
Power is permanentely 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 (Tamb) is > of set temperature (Tset).
When contact is close, LED is ON

**TH** RH > RHset or Tamb < Tset
The contact 13-14 closes if the ambient humidity (RH) is > of set humidity (RHset) or if the ambient temperature (Tamb) is < of set temperature (Tset).
When contact is close, LED is ON

**HL** RH < RHset
The contact 13-14 closes if the ambient humidity (RH) is < of set humidity (RHset).
When contact is close, LED is ON

**HM** RH > RHset
The contact 13-14 closes if the ambient humidity (RH) is > of set humidity (RHset).
When contact is close, LED is ON

finder