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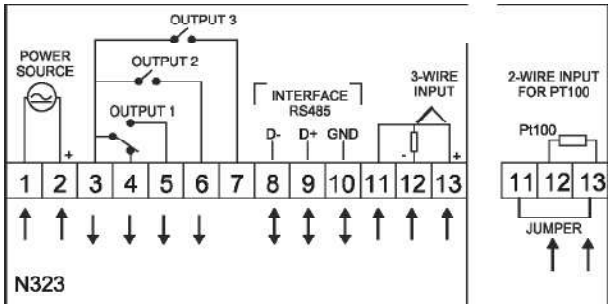
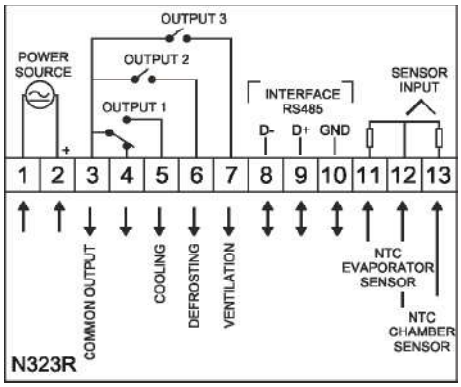
Thermostat **LIM N323/N323R/N323RHT**

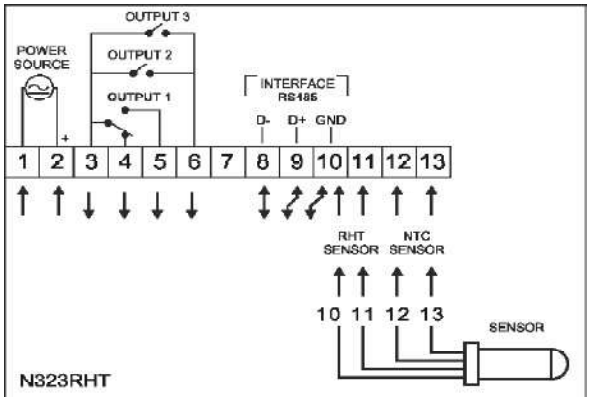
Technical description

Characteristic
– LED indicators 3 ½ digits – adjustable offset for sensor – independent temperature value for each output – 3 control outputs – adjustable hysteresis for each output – minimum and maximum range for configurable setpoints – adjustable time delay of switching on the second output in relation to the first switching on – N323R cooling chamber regulator (two sensors included NTC chamber and evaporator, control at the outputs relay, chiller, fan and heater) – humidity and temperature measurement (N323RHT) – MODBUS RTU protocol – NTC sensor - 3 m cable, extendable to 100 m
Input
– NTC: (-50 ÷ 120) °C 10 kΩ – Pt100: (-50 ÷ 300) °C – Pt1000: (-200 ÷ 530) °C – J: (0 ÷ 600) °C – K: (-50 ÷ 1000) °C – T: (-50 ÷ 400) °C – RHT: (-40 ÷ 120) °C; (0÷100) % RH
Accuracy
±1 ºC: for NTC ±0,7 ºC: for Pt100, Pt1000 ±3 ºC: for J, K, T ±1 ºC, ±3% RH: for RHT
Outpout I
– relay: SPDT 16 A/250 V AC
Outpout II, III
– relay: NO 3 A/250 V AC
Power source
(100 ÷ 240) V AC (±10%) (12 ÷ 30) V AC/DC 5 VA
Operating conditions
– temperature: (5 ÷ 50) ºC – humidity: (20 ÷ 85) % RH without condensation
Dimension [mm]
75x33x75; hole: 70x29
Additional functions
– RS485 interface

Wiring diagram







Ordering code

Thermostat	LIM N323/N323R/N323RHT – ... – ... – ...
Power source: (100 ÷ 240) V AC (12 ÷ 30) V AC/DC	4 5
Input: Pt100 Pt1000 J, K, T NTC NTC/RHT (only N323RHT)	1 2 3 4 5
Interface: none RS485	0 1

* NTC version with sensor included

Ordering example **Thermostat LIM N323R–4–4–0**