

Surface double thermostat 230V AC, length=200mm - Room thermostat ATHs-170



Jumo
ATHs-170
60000196
4053877008491 EAN/GTIN

3641,24 CNY excl. VAT**
plus shipping



15-16 days* (CHN)

Surface-mounted double thermostat 230V AC, length=200mm ATHs-170 Max. voltage of the contacts 230V, protection class (IP) IP54, thanks to its impact-resistant housing with high-quality plastic cover and aluminum die-cast lower part, the mechanical surface-mounted double thermostat is very robust and can also be used under rough conditions will. The device consists of a temperature controller and a safety temperature limiter (STL). The temperature of the temperature controller is set using a setpoint adjuster on a scale. The desired switch-off temperature of the safety temperature limiter can be set on a scale after removing the housing cover using a screwdriver. The temperature controller is characterized by a high switching point accuracy of $\pm 0.15\%$ in the upper third of the scale and has a switching difference (hysteresis) of approx. 3 to 4% of the scale range. It switches off after the switch-off point has been reached and automatically returns to its original state after the switch-off temperature has fallen below the value of the switching differential. If the temperature at the temperature sensor of the safety temperature limiter exceeds the set limit value, the circuit is opened and the microswitch is mechanically locked. After falling below the danger temperature by approx. 10% of the scale range, the microswitch of the safety temperature limiter can be unlocked manually. It is characterized by a high switching point accuracy of $\pm 0.5\%$ in the upper third of the scale. If the measuring system is destroyed, the electrical circuit of the STB is permanently opened, unlocking is then no longer possible. The switching contact of the safety temperature limiter is then in a neutral position. When the sensor cools down to a temperature below approx. $-20\text{ }^{\circ}\text{C}$, the circuit of the STB is also opened, only when the temperature rises above approx. $-20\text{ }^{\circ}\text{C}$ can the STB be unlocked again manually using the restart button. On The decisive advantage is that no additional auxiliary energy is required for temperature measurement. The electrical connection is made using screw terminals directly on the built-in microswitches, which can switch a maximum permissible switching capacity of AC 230 volts / 10 A directly. The measuring systems used work according to the liquid expansion principle and can be used without any problems up to a maximum permissible sensor temperature of $135\text{ }^{\circ}\text{C}$. The immersion tube made of brass, nickel-plated, has a diameter of 15 mm. It is fastened with a G 1/2 form A thread according to DIN 3852/2. The maximum permissible ambient temperature on the housing (protection class IP54) is $80\text{ }^{\circ}\text{C}$. in district...

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