

Series HTK

Mechanical two-point controller

This capillary tube controller is suitable for simple temperature control or monitoring, for example for antifreeze and roof gutter heating. It is available in three temperature ranges.

Rated voltage:	230 V, 50 / 60 Hz
Switching power:	3600 W AC 1 (16 A)
Switching hysteresys:	5 K
Protection class:	II
Protection grade:	IP 65 (EN 60529)
Precision category:	5%
Control response:	P
Clamp diameter:	2.5 mm ²
Power control:	via spring contact
Housing:	ABS, Polycarbonate
Housing dimensions:	160 x 80 x 75 mm (H x W x D)



	Control range
HTK 40	0 – 40 °C
HTK 85	0 – 85 °C
HTK 200	50 – 250 °C

Series HT 54

SMD miniature control unit

In former times, the idea to install a temperature control device directly into the corresponding heating system failed because of the large constructional elements.

Today's SMD technology needs only a fraction of the space required by earlier electronics. This prompted us to develop a complete temperature control device for installation in the upper part of the PA hard cap in our heating hoses.

The HT 54 is the result!

We have accommodated the control board on a surface area of only 35 x 40 mm. The customer can save external control devices as a result of this construction. This creates space in the switch cabinet. The HT 54 can also be utilised in the same manner for control purposes in heating sleeves or tapes. Its small dimensions open up new fields of application.

Rated voltage:	230 V / 50 Hz
Switching power:	1000 W / 5 A
Power switch:	Triac in zero passage
Controller area:	0 ... 254°C
Setting:	Rated value 2°C steps above DIP
Display:	Heating operation yellow LED
Housing material:	PA-glass-fibre reinforced
Degree of protection:	IP 42 / sealed-in: IP 65 (EN 60529)
Controller response:	Two-point-controller
Sensor:	PT 100
Cable inputs:	Cable screws

