

Series HT 53

Electronic plain thermostat

The dimensions of this controller are equivalent to two standard built-in cutouts and can be easily installed in control cabinets and distribution fuse-boards.

The temperature is registered via a PT 100.

Rated temperature setting:	using an external knob
Opener function:	(standard) relais released with x w
Controller output:	Relay with floating changeover contact 10 A
Actuation difference:	adjustable between 0.25 and 5%, set in the factory to the minimum value
Power supply:	AC 230 V $\pm 10\%$, 50 / 60 Hz
Electrical connection:	Screw terminals
Cable cross section:	max. 1 x 4 mm ²
Installation width:	35 mm
Enclosed controller:	for fastening on mounting rail, 35 mm according DIN 50 022

Installation housing:	
Housing dimensions HZ-EK 2:	for 2 units 110 x 180 x 110 mm
Housing dimensions HZ-EK 4:	for 4 units 182 x 180 x 110 mm
Housing dimensions HZ-EK 6:	for 6 units 254 x 180 x 110 mm
Protection grade:	IP 20 (EN 60529) without housing IP 65 (EN 60529) in installation housing
Model:	according to VDE 0631

Sensor type: Pt 100	
	Control range
HT 53 – 40	-20 up to +40 °C
HT 53 – 100	0 up to +100 °C
HT 53 – 200	0 up to +200 °C

