

## 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.

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

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

<b>Sensor type: Pt 100</b>	
	Control range
<b>HT 53 - 40</b>	-20 up to +40 °C
<b>HT 53 - 100</b>	0 up to +100 °C
<b>HT 53 - 200</b>	0 up to +200 °C

