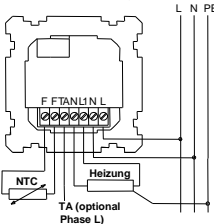
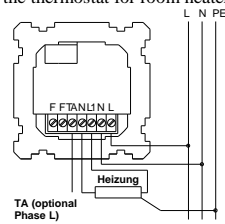
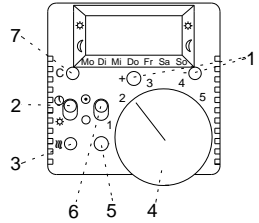


<p><b>Instruction for installation and use</b> <span style="float: right;">(GB)</span></p> <p>Electronic Thermostat with timer for individual rooms</p> <p><b>Concealed installation</b>  HRT-6020-50  - with inner sensor for room heating from 5° to 30° C</p> <p>HRT-6025-50  - with outer sensor for under floor heating 10° to 40° C / 10° to 60° C</p>	<p><b>Safety Advice</b> <span style="float: right;">(GB)</span></p> <p>Only an authorised electrician should install the thermostat. All safety regulations must be followed.</p> <p>Before installation turn off main power source.</p> <p><b>Attention</b>  In case of system failure mains voltage may be connected to sensor cable.</p>	<p><b>Diagram 1A</b> <span style="float: right;">(GB)</span></p> <p>Connecting the Under Floor heating thermostat</p>  <p>. Alternatively a thermal actuator, or electrical heater fan</p>	<p><b>Diagram 1B</b> <span style="float: right;">(GB)</span></p> <p>Connecting the thermostat for room heater</p>  <p>. Alternatively a thermal actuator, or electrical heater fan</p>
<p><b>Installation</b></p> <p>The thermostats are built in standard flush-type mounting boxes of 55-mm diameter with a retaining ring for use <i>over</i> wall covering. If the box is needed for any other wiring, a deep box is recommended.</p> <p>Attach the wires with clamp-like terminal: no screws are necessary. The conductor ends must be <i>even</i> and <i>stripped</i> approximately <i>12 mm</i>.</p> <p>There are two plug possibilities for each connecting point. If wires have been incorrectly attached they can be detached by gently pulling them back and forth with a pliers. A few connection clamps will remain on some types of devices.</p> <p>The protective contact need not be attached. The respective terminal can be used for loop-through purposes.</p>	<p><b>Assembly</b></p> <ul style="list-style-type: none"> <li>. After bolting the device to the box, put the caps on both slide switches.</li> <li>. Carefully slide the lid on until it clicks into place. Screw it shut.</li> <li>. Place the grooved dial onto its axle.</li> </ul> <p><b>Under Floor Heating Thermostat</b></p> <ul style="list-style-type: none"> <li>. The sensor must be placed separately in a protective tube at heating mat level between heating conductors.</li> </ul> <p><b>Room Thermostats</b></p> <ul style="list-style-type: none"> <li>. Install circa 1.5 m above the floor.</li> <li>. Avoid draughts from windows and doors.</li> <li>. Make sure the thermostat is not positioned under curtains or between shelves or other objects that block normal room circulation.</li> <li>. Heat from sources other than the heater can adversely affect the thermostat's precision.</li> </ul>	<p><b>Use</b></p> <ul style="list-style-type: none"> <li>. The electronic thermostats with inner sensors are used to regulate room heaters.</li> <li>. The electronic thermostats with outer sensors are used to regulate floor heating systems.</li> <li>. Electric heaters and warm water heaters (with thermal actuators normally closed) can be used.</li> </ul> <p>With the thermostat's timer the temperature can be adjusted down once or twice each day with different time periods for work days and rest days. The low temperature is programmed while the high (or warm) temperature can be adjusted at any time by burning the dial.</p> <p>The thermostats are pre-programmed with Monday through Friday designated as work days and Saturday and Sunday as rest days. The low temperature is pre-programmed at 15°C. The warm temperature is pre-programmed to run from 0600 h to 2200 h.</p>	<p><b>Figure 2</b></p> <p>View of Device</p> 
<p><b>Guide to Figure 2</b></p> <ol style="list-style-type: none"> <li>+ and - keys Set variables</li> <li>Slide Switch Change from time program to constant temperature</li> <li>LED Indicator If lit, heater is on</li> <li>Dial Set warm temperature</li> <li>Reset key Deletes time and day, restarts microcontroller heating times remain unchanged</li> <li>Slide Switch Switch heater on and off</li> <li>Control key c Starting programming, select variables</li> </ol>	<p><b>Getting started</b></p> <p>The thermostats are pre-programmed with a single low temperature period per day. Pre-programmed setting are follows:  <b>Work Days</b> are Monday through Friday. <b>Rest Days</b> are Saturday and Sunday.</p> <p>The thermostat is pre-programmed to monitor the temperature on both work and rest days at the following times:  . from 0600 h to 2200 h: <u>Warm-temperature period</u>.  (Set the desired temperature any time with the dial.)  . from 2200 h to 0600 h: <u>Low temperature period</u>  . Low temperature 15 °C</p> <p>If you want to use these pre-programmed settings you only need to set the correct <u>time</u> and <u>day of the week</u> (next page) and the thermostat is ready.</p>	<p><b>Getting Started</b></p> <p><b>Setting the time and day of the week</b></p> <ul style="list-style-type: none"> <li>. Press the Control key c. (The display will flash).</li> <li>. Set the actual time by pressing the + and - keys</li> <li>. Press c again (A day will flash)</li> <li>. Set the day of the week by pressing the + and - keys. The day will stop flashing after 3 minutes.</li> </ul> <p><u>That's it. The device is now running.</u></p> <p>Note:  To programme the timer to your individual needs, follow the instructions in the section "Programming" The principle is easy. Each time you press the control key c one variable flashes after another and can be changed with the + and - key.</p>	<p><b>Operation</b></p> <p><b>Constant warm temperature option</b>  If you want to run the heater without the time schedule, disengage the timer by flipping down the right slide switch (figure 2) to constant temperature (the sun icon). Choose the desired temperature with the dial.</p> <p>To reinstate the timer, simply flip the slide switch back up. The thermostat is now operating in the defined time programme.</p> <p><b>Turning off the heater</b>  To turn the heater off, flip the left slide switch down. The clock will continue to function. To turn the heater back on, simply flip the slide switch back up.</p> <p><b>Note:</b>  The LED is lit only when the thermostat requires heat.</p>

