

Specification guideline electronic thermostat for the hot water temperature maintenance and temperature monitoring of hot water pipes in small systems or for branch lines



## **ENERGY EFFICIENT CONTROL & MONITORING**

All Raychem HWAT circuits up to 50 m shall be controlled via an energy saving, electronic thermostat to provide an adjustable maintained temperature in the range of 50-65°C for hot water pipes

## **THE CONTROLLER SHALL HAVE THE FOLLOWING FUNCTIONS**

- Temperature control via pipe line sensors, 10 m probe length:
- Mounting on DIN rail (35 mm)
- Manual on / off
- Easy to read digital display with temperature and Visual alarm display
- 3 operating modes: On, Eco, OFF
- 3 temperature settings: 55° C, 50° C, 45° C - easily selected; adjustable
- Timer function for Eco-mode for additional energy savings
- Reading the actual line temperature
- Protection of the hot water pipe from over temperature
- Low temperature alarm message
- Changeover contact alarm relay for external alarm indication (eg BMS)
- For heating cable HWAT L / M / R to max. 50 m
- Installation in sub-distribution panel
- VDE mark

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