

LCT

DATA SHEETS



The electronic room thermostat is designed for controlling temperature in commercial, industrial and residential buildings and also underfloor heating applications. LCD temperature display, dial set point and relay on/off output. Additional input is available for an external temperature sensor if required.

TECHNICAL DATA

Measuring values	temperature
Output switch contact	heating: 250 V ~, max. 16 A 30 V =, max. 10 A
Power supply	100..240 V ~
Power consumption	max. 0,5 W
Measuring range temp.	0..+40 °C
Accuracy temperature	±1 K (typ. at 21 °C)
Display	LCD for temperature and set point
Enclosure	PC, pure white
Protection	IP20 according to EN 60529
Cable entry	rear entry
Connection electrical	terminal block, max. 1,5 mm ²
Ambient condition	0..+50 °C, max. 85% rH non-condensing
Mounting	surface mounted on flush-mounting box (Ø=60 mm)
Notes	set point adjustment for room temperature: +5..+30 °C set point adjustment for floor temperature: +5..+40 °C

Room thermostat surface mount with display – active

RU1

Item description	Item No.	Controller
LCT	573382	✓

Options

Item description
Additional sensor NTC100k (model and price on request)