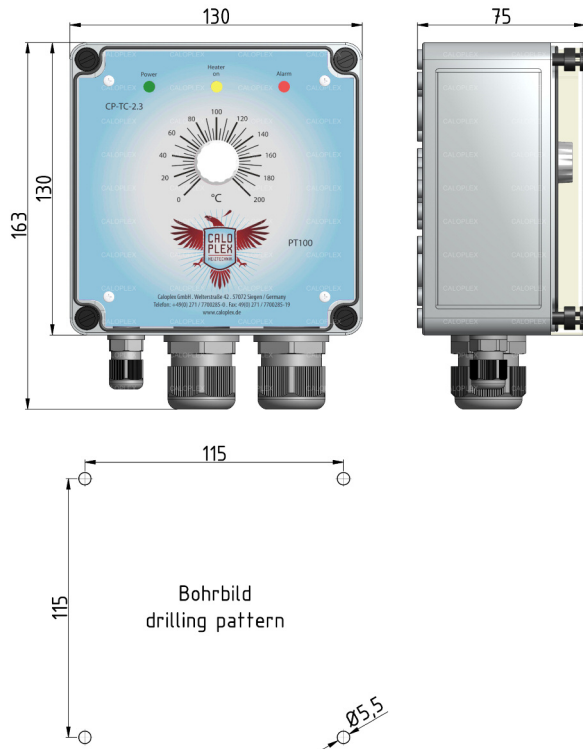




Application

The temperature control is an electronic two-point control integrated in a wall housing with a transparent cover. The controller can be used as thermostat for rooms and for surfaces. Supply voltage switched on the green LED and the closed Relay activate the yellow LED. The electric heating is permanently switched on in case of a sensor short-circuit. A sensor break is signaled by the red LED.

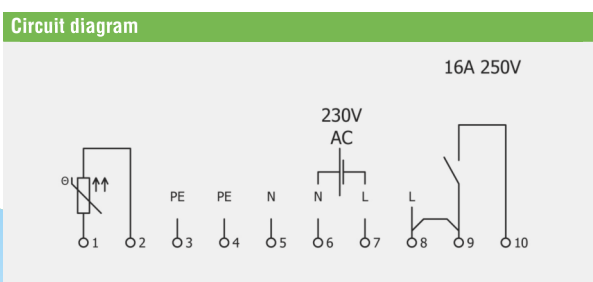


General information	
Adjustment:	via the rotary potentiometer
Visual signals:	3 LEDs: power line (green), heating (yellow), error (red)
Operating environment:	Operating temperature -20...40°C, Humidity 35...95%
Protection class:	IP66 according to EN 60529
Material:	fibre-glass reinforced Polycarbonate, UL94V0 self-extinguishing
Colour:	RAL 7035
Weight:	ca 550g
Dimensions:	Outer dimension [130x130x75]mm [width x height x depth] Hole distance [115x115]mm [width x height]

Versions	
CP-TC-2.2	Temperature range 0...100°C Cable glands 2xM25, 1xM12
CP-TC-2.3	Temperature range 0...200°C Cable glands 2xM25, 1xM12
CP-TC-2.2-H	Temperature range 0...100°C Cable glands 1xM12, one 7-pole flange socket (quick connection for ready-to-fit heated hoses, jackets, etc.)
CP-TC-2.3-H	Temperature range 0...200°C 1xM12, one 7-pole flange socket (quick connection for heated hoses ready to use, jackets, etc.)

Electrical properties	
Analog input:	Resistor sensor: PT100
Measuring tolerance:	All inputs ±1,5%
Outputs:	Relays normally open contact 1x16A/250V Power supply: 230V AC +10/-15%, 47...60Hz
Power supply:	230V AC +10/-15%, 47...60Hz
Power consumption:	3,0VA
Clamps:	maximum 2,5mm ²

Software properties	
Control algorithm:	on-off with hysteresis or PI adjustable



Part number	type
07020003	CP-TC-2.2 electronic temperature controller 0..100°C
07020004	CP-TC-2.3 electronic temperature controller 0..200°C
07020006	CP-TC-2.2-H electronic temperature controller 0..100°C
07020007	CP-TC-2.3-H electronic temperature controller 0..200°C
Accessories temperature sensor	
07030000	Temperature sensor CP-TS-1, PT100, PVC, 2L, Length=3150mm, sleeve (Ø5x50)mm, up to 105°C
07030002	Temperature sensor CP-TS-2.2, PT100, PTFE, 2L, Length=3150mm, sleeve (Ø5x50)mm, up to 260°C

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