

## C124W Thermostat



Under Floor Thermostat

- UNDER FLOOR DIN RAIL MOUNT
- OPERATES DIRECT FROM 230 VOLTS
- REMOTE ROOM AND FLOOR SENSORS

- ▶ C124W Control and supply power to underfloor systems.
- ▶ Temperature setting with a knob.
- ▶ LED indicator for power ON.
- ▶ LED indicator for load operation.
- ▶ Optional underfloor temperature sensor protection.
- ▶ Remote temperature sensor.
- ▶ Screw terminal connectors.
- ▶ Mounts inside electrical cabinet as standard DIN rail box.

### SPECIFICATIONS:

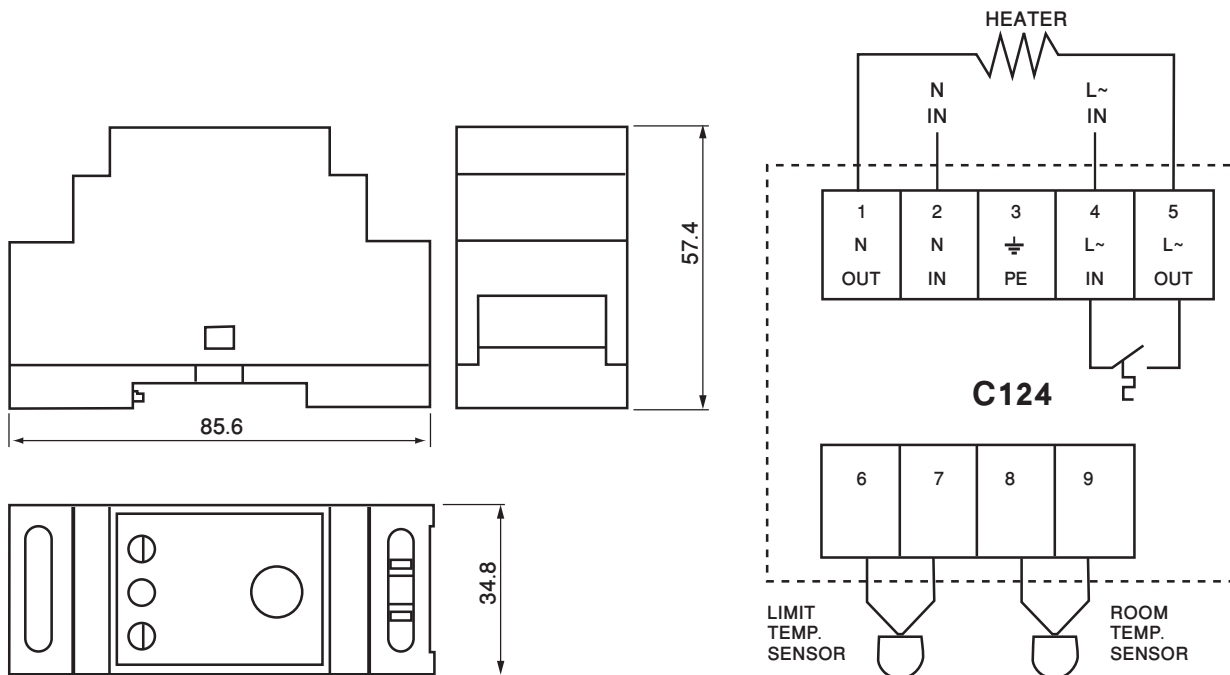
Nominal Voltage	230 VAC (50-60 HZ)
Temperature accuracy	±1°C (±2 °F)
Differential	1 °C (2 °F)
Output rating	16 Amps (resistive)
Relative Humidity	10%-90% RH
Non flammable plastic	ABS – V0 94
Thermostat Dimensions	34.8x57.4x85.6 mm

Model	Part No
C124W-RLS- Range 5-30°C, Limits 24-29°C	C124W-RLS-A-2429-16
C124W-RSC- Range 5-50°C	C124W-UFS –C-16
External sensor – 3 Meters	3SE1030010100

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### INSTALLATION

- The C124W thermostat is produced in few part numbers to match the application needed.
- Please check the below part number and match with the unit in your hand to be sure it is the type you need for your application.

### INSTALLATION REQUIREMENT

All wiring must be made according to the local electrical codes.

### MOST POPULAR ITEMS

- C124W-RLS-A-2429-16 - Set Point Range 5 / 30°C, Limit sensor 29°C Off – 24 On with 0.5 amps load. Supplied with one external sensor.  
Note: If the Limiting sensor should be used, order additional sensor Part number 3SE1030010100.
- C124W-UFS- Set Point Range 5-50°C with 0.5 amps load.

### OPTIONS

Set Point Range – (Working Temp. Range)

- A - 5 / 30°C Scale.
- B - 5 / 40°C Scale.
- C - 5 / 50°C Scale.

### LIMITS – UNDER FLOOR TEMPERATURE CUT-OUT

- 2429 - Limiting Range at 29°C Off at 24°C On.
- 3040 - Limiting Range at 40°C Off at 30°C On.
- 4050 - Limiting Range at 50°C Off at 40°C On.

### OPERATION VOLTAGE

- Standard - 230 VAC 50-60 HZ.
- Optional - 120 VAC 50-60 HZ.

### RESISTIVE LOAD

- Standard - 0.5 Amps.

### EXTERNAL SENSOR

- Standard - 3 meters cable. Part number 3SE1030010100
- Optional - 6 meters cable. Part number 3SE1060010100

**NOTE:** Thermostats with limiting sensor to protect the under floor heating. In case this feature is not needed, do not remove the resistor at the ext. sensor terminals.