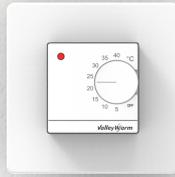


EU19

Manual Thermostat for Electric Floor Heating

- Frame compatibility
- Easy installation
- Stack Mounting



Core Components

Frame Compatibility

EU19 can be adapted to Schneider Unica, Schneider New Unica, Schneider Exxact, Legrand Valena, etc.

Easy Installation

Fewer parts, easy wiring, simple installation.

Stack Mounting

It can be combined with Schneider, Legrand and other types of switches and sockets to form a conjoined unit.

Features

Control Max To 16A

Using high-quality Relay, the maximum current can withstand 16A. In order to prolong the service life, it is recommended not to exceed 2/3 of the maximum current during normal use.

IP 21

Waterproof and dustproof grade reaches IP21, suitable for most application scenarios.

External Sensor

Using an external sensor to measure temperature, accurately control the floor temperature.

Built-in Interrupter

A circuit breaker is built in to enable chip and relay power failure. Power off is achieved by turning the knob.

Heating Indicator

With a built-in red heating indicator, the working status of the heating equipment is clear at a glance.

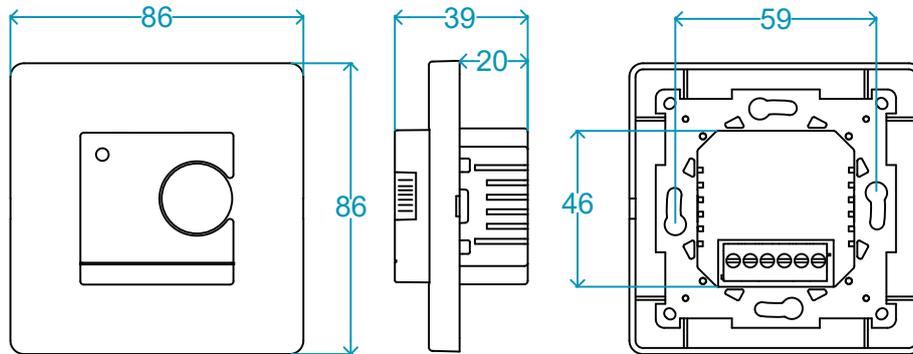
Easy To Use

Turn the knob to set the temperature and shut it down, simple and easy to use.

Technical Data

Voltage:	230V~ 50Hz	On/Off Differential:	±0.5°C
Standby Power:	5W	Storage temperature:	-10-50°C
Relay:	Max. 16A(Resistive load)	IP Class:	IP21
Terminal Wire Size:	Max. 2.5mm ²	Dimensions:	86*86*39mm (in-wall depth: 20mm)
Floor Sensor Type:	10kΩ(25°C), B25/50=3380	Approvals:	CE
Ambient temperature:	0-45°C	Thermostat Weight:	115g
Floor Temperature:	5-40°C		

Dimensions(mm)



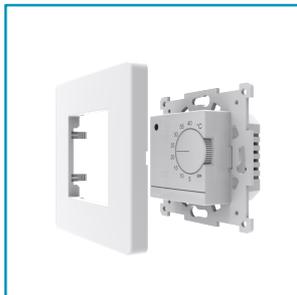
Mounting Instruction

IMPORTANT! The thermostat should be mounted on the wall approx 1.5m above the floor in such a way as to allow free air circulation around it. Draughts and direct sunlight or other heat sources must be avoided.

If the current exceeds 2/3, a suitable AC contactor is required between the thermostat and the heating cable. The type selection should be decided by professional and technical personnel according to the actual situation.

The thermostat is designed to be installed indoors. But when installed in the bathroom, toilet, kitchen, and other places

Make sure the thermostat can't be splashed. At the same time, the ambient humidity of the thermostat can't be higher than 80%.



1. Press your thumb against the middle plastic area in front of the thermostat, and use other fingers to push the middle frame outward to separate the middle frame from the thermostat.



2. The wires must be connected as follows:
 L: Power Live.
 N: Power Neutral.
 S/L-N: Relay, Max.16A(Resistive load).
 NTC: External floor sensor.
 Note: Be sure to use the terminal block to connect the load ground wire and the power cable ground wire.



3. Fasten the thermostat to a socket or an exterior wall box by driving the screws through the holes in each side of the thermostat.



4. Align the cover frame with the thermostat and gradually press the cover frame until it is attached to the wall.

Note: This thermostat is compatible with Schneider Unica and Schneider new Unica cover frames.

If you want to be compatible with cover frames such as Schneider Exxact and Legrand Valena, you need to purchase the corresponding clips. Snap the buckle into the cover frame, and then snap the assembly into the thermostat.



Schneider Unica frame



Schneider Exxact frame



Legrand Valena frame