ECtemp 530, ECtemp 531 ECtemp 532

ECtemp 530/531/532 is a line of simple electronic 15 Amps thermostats with a 2-pole switch and for flush-mounted fixing. The thermostats are used to control indoor floor heating systems.

ECtemp 530 is a 15 Amps thermostat with a wire (floor) sensor, used to control Comfort Floor Heating systems. The thermostat has a dial for adjusting the temperature setting with a numeric scale from ❄ to 6 (meaning from 5 °C to 45 °C and each step corresponds to approx. 7 °C).

ECtemp 531 is a 15 Amps thermostat with a built-in air (room) sensor, used to control Direct Floor Heating systems. It has a dial for adjusting the temperature setting with a degree scale from ❄ to 35 °C (meaning from 5 °C to 35 °C).

ECtemp 532 is a 15 Amps thermostat with a built-in air (room) sensor to control the room temperature and an additional floor (wire) sensor to limit the maximum floor temperature. The thermostat is used to control Direct Heating via Floor systems with limitation of maximum floor temperature in wooden floors and other heat sensitive floors. It has a dial for adjusting the room temperature, with a degree scale from ❄ to 35 °C (meaning from 5 °C to 35 °C). Adjusting of the maximum floor temperature is provided by potentiometer placed under front cover (default 35 °C).

Product specifications

Benefits

- **2-pole safety breaker**
- **Low standby consumption**
- **Sensor failure monitoring**
- **LED indication for fault**
- **Frost protection**

Compliance symbols:

Standard compliance

- **EN/IEC 60730-1 (general)**
- **EN/IEC 60730-2-9 (thermostat)**

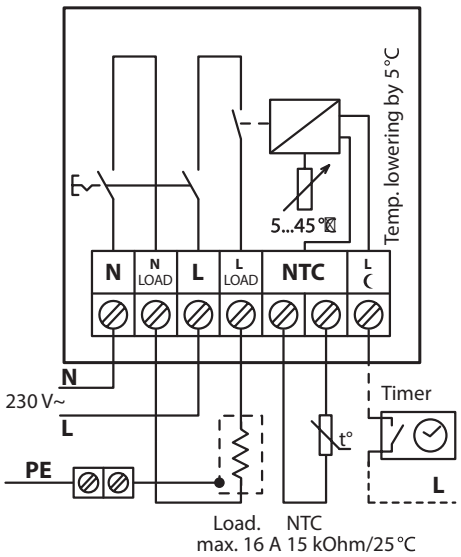
Operation voltage	220 - 240 V, 50/60 Hz
Standby power consumption	Max. 0,25 W
Resistive load	Max 15 A (3450 W) @ 230 V
Inductive load	Max. 1 A, cos φ = 0,3
Hysteresis	± 0,4 °C
Sensing unit	NTC 15 kOhm at 25 °C
Ambient temperature	-10 °C to +30 °C
Frost protection	5 °C -
Cable specification max	1 x 4 mm^2 or 2 x 2,5 mm^2
Ball pressure test temperature	75 °C ❄
Pollution degree	2 (domestic use)
Controller type	1 C
Storage temperature	-20 °C to +65 °C
IP class	IP 31
Protection class	Class II - ⧈
Dimensions (H/W/D)	85 x 85 x 36 mm
Weight	90 g

Types

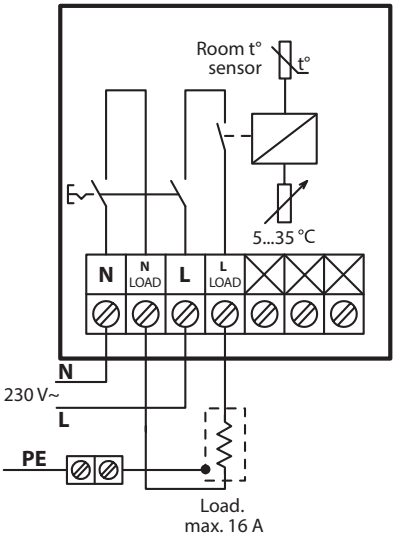
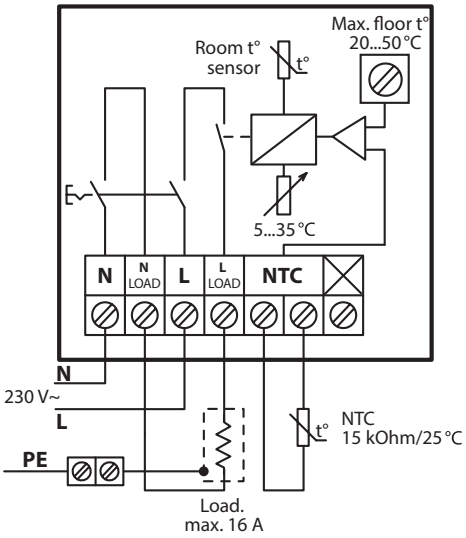
Item no.	Product name	Frame	Temperature range	Sensor type	Marking	EAN no.
088L0033	**ECtemp 530**	ELKO	5-45 °C	Wire sensor (3 m, NTC 15 kOhm at 25 °C)	D530	5703466128985
088L0034	**ECtemp 531**	ELKO	5-35 °C	Built-in room sensor	D531	5703466128992
088L0035	**ECtemp 532**	ELKO	5-35 °C room temperature; 20-50 °C floor temperature limiter (default 35 °C)	Built-in room sensor and wire sensor (3 m, NTC 15 kOhm at 25 °C)	D532	5703466129005

Connection schemes

ECtemp 530



ECtemp 531



ECtemp 532