

R-TE flush mounted thermostat

nVent

RAYCHEM



DESCRIPTION

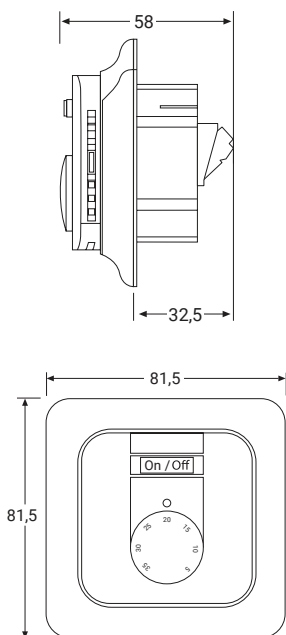
Electronic thermostat specially designed to control Electrical floor heating.

- For floor or room sensing application based on a 3 m floor sensor and built-in room sensor
- Manual two-pole switch on/off
- Pilot wire for night reduction (-4 K)
- Relay 16 A
- The product is supplied with two front plates (Square and round) for system ELKO RS/B&J Jussi, ELJO Trend

OPERATING MODE

- Room sensing
- Floor sensing mode
- Room sensing with floor sensing as temperature limiter.

TECHNICAL DATA



Supply voltage	230 VAC +15%, -15%, 50/60 Hz
Main switch	Two poles 16 A
Built-in interrupter	2-pole, 16 A
Relay output- heating cable	250 V, max 16 A, resistive load (AC1)
Measuring accuracy	+/-0,1°C
Setting temperature	+5°C to 35°C
Floor limiting temperature range	10°C to 40°C
Protection class	IP21
Terminals	max 2,5 mm ²
Floor sensor type	NTC, 10KΩ/25°C
Length of floor sensor lead	3 m
Dimensions with frame	H 81,5 x W 81,5 x D 58 mm
Colour	white (RAL 9010)
Approvals	CE

SYSTEM INFORMATION

RAYCHEM Underfloor Heating thermostats are used with:

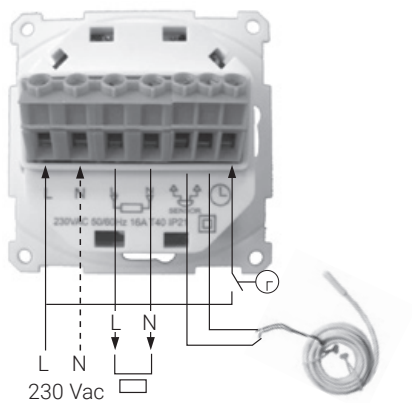
- T2QuickNet mats 90 W/m² and 160 W/m²
- T2Red – self-regulating heating cable
- T2Reflecta + T2Red
- T2Blue 10 W/m and T2Blue 20 W/m
- T2Green 5W/m
- CeraPRO

COMPATIBILITY WITH WALL BOXES

An extra square front plate for use with square frames is standard provided.

Switch manufacturer	Light switch product range
Busch + Jäger	Reflex SI, Jussi
Eljo	Trend
Gira	ST55 Standard, E2
Jung	AS
Merten	M-Plan, M-Smart, M-Arc,

WIRING DIAGRAM



Direct connection, one heating cable

ORDERING INFORMATION

R-TE

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