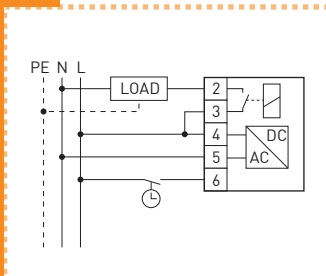
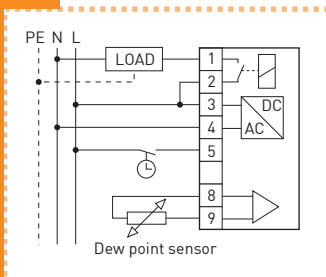


Connection diagram



Connection diagram



Connection diagram

## PIANO H electronic room thermostat

for heating mode. Item no.: RT40

### Technical data:

Operating voltage: 230 V AC, 50 Hz  
 Relay output: closer contact 10 A, 230 V AC  
 Temperature range: +5 .... +30 °C with range limiting feature  
 Switching difference: ± 0,2 K  
 Protection degree: IP 30  
 Equipment: KTY semiconductor sensor  
 screw connectors  
 on-off switch  
 switching status display

Weight: 90 g  
 Protection class: II  
 Dimension (h x w x d): 81 x 81 x 16 (25) mm  
 Mounting: on in-wall box  
 Colour: white

## PIANO HK electronic room thermostat

for heating/cooling mode. Item no.: RT41

### Technical data:

Operating voltage: 230 V AC, 50 Hz  
 Relay output: closer contact 10 A, 230 V AC  
 Temperature range: +5 .... +30 °C with range limiting feature  
 Switching difference: ± 0,2 K  
 Protection degree: IP 30  
 Equipment: KTY semiconductor sensor  
 screw connectors  
 off/heating/cooling switch  
 switching status display

Weight: 90 g  
 Protection class: II  
 Dimension (h x w x d): 81 x 81 x 16 (25) mm  
 Mounting: on in-wall box  
 Colour: white

## PIANO HKT electronic room thermostat

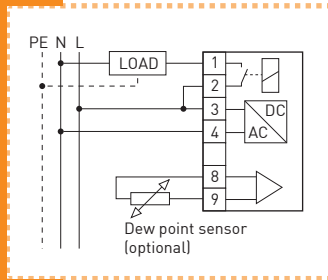
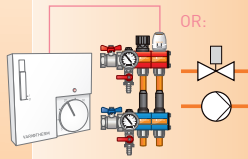
for heating/cooling mode, with dew point sensor. Item no.: RT42

### Technical data:

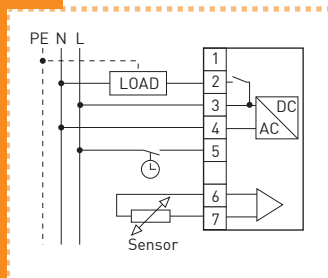
Operation voltage: 230 V AC, 50 Hz  
 Relay output: closer contact 5 A, 230 V AC  
 Temperature range: +5 .... +30 °C with range limiting feature  
 Switching difference: ± 0,2 K  
 Protection degree: IP 30  
 Sensor cable length: 5 m (prolongable up to 20 m max.)  
 Equipment: KTY semiconductor sensor  
 screw connectors  
 off/heating/cooling switch  
 switching status display LED red/orange

Weight: 90 g  
 Protection class: II  
 Dimension (h x w x d): 81 x 81 x 16 (20) mm  
 Mounting: on in-wall box  
 Colour: white

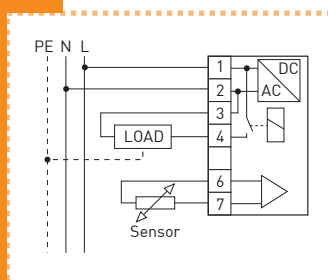
**VARIOTHERM**  
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Connection diagram



Connection diagram



Connection diagram

## PIANO HK(T) electronic room thermostat with clock

for heating/cooling mode. Item no.: RT43

(Optional: with dew point sensor (item no.: RT421))

### Technical data:

Operating voltage:	230 V AC, 50 Hz
Relay output:	closer contact 5 A, 230 V AC
Temperature range:	+5 .... +30 °C with range limiting feature
Switching difference:	adjustable
Protection degree:	IP 30
Equipment:	KTY semiconductor sensor screw connectors switching status display digital clock with weekly programme 32 switchpoints for heating and 32 switchpoints for cooling

Weight:	120 g
Protection class:	II
Dimension (h x w x d):	81 x 81 x 16 (36) mm
Mounting:	on in-wall box
Colour:	white

## PIANO HF electronic room thermostat with heating surface sensor

for heating mode. Item no.: RT44

### Technical data:

Operating voltage:	230 V AC, 50 Hz
Relay output:	closer contact 10 A, 230 V AC
Temperature range room air:	+5 .... +30 °C with range limiting feature
Temperature range surface:	+5 .... +55 °C
Switching difference:	± 0,2 K
Protection degree:	IP 30
Equipment:	KTY semiconductor sensor (room air and surface) screw connectors on/off switch switching status display separate setting for room or surface temperature

Weight:	90 g
Protection class:	II
Dimension (h x w x d):	81 x 81 x 16 (25) mm
Mounting:	on in-wall box
Colour:	white

## PIANO HW electronic surface thermostat with clock

for heating mode. Item no.: RT60

### Technical data:

Operating voltage:	230 V AC, 50 Hz
Relay output:	closer contact 16 A, 230 V AC
Temperature range:	+10 .... +50 °C
Switching difference:	adjustable
Protection degree:	IP 30
Equipment:	KTY semiconductor sensor screw connectors switching status display digital clock with weekly programme

Weight:	120 g
Protection class:	II
Dimension (h x w x d):	81 x 81 x 16 (36) mm
Mounting:	on in-wall box
Colour:	white

**VARIOTHERM**  
HEATING. COOLING. COMFORT.