

fit[®] np The ideal energy saver

- › Easy-to-read, large backlit display
- › One line of scrolling text for simple operation
- › ECO input for temperature change over via external timer (night set back)
- › Very easy change over between 2 temperatures (Comfort, Set-back)
- › Ideal for the combination hydronic underfloor heating systems and Ceramic Stove



HEATING

Economic version without programming function

NEW



eo Environmentally Optimised



Flexible and energy-saving control



[Building owners, developers and renovators wishing to go easy on their carbon footprint and their own pockets are constantly looking for ways of conserving energy - and saving money

The most effective way of all is the use of modern control technology, since this achieves the biggest savings effect at the lowest cost. For this reason EBERLE Controls, manufacturer of regulating and control systems, has extended its product range with the addition of the FIT® np thermostat for individual room temperature control.]



Shorttime Timer (Party) function: specific temperature for configurable duration

[OPTIMISED ENERGY SAVING]

- › ECO-Input ☺ is active, it will be adjusted to the configurable temperature e.g. night set-back
- › Time limit for manually changed temperature
- › Shorttime Timer (Party) function: specific temperature for configurable duration
- › Monitoring of energy consumption (heating time x cost) e.g. for the last 2 days, week, month, year
- › Range limits for adjusting max. and min. temperature
- › Display of temperature adjustable
- › OFF Function
- › Frost protection

[EASY TO ADAPT TO DIFFERENT HEATING APPLICATIONS]

- › Control mode PWM or ON / OFF
- › PWM-cycle time adjustable
- › Always provides the minimum floor temperature (Ceramic Stove Controller FITnp 3L)
- › Minimum and maximum floor temperature (limiter variant FITnp 3L)
- › Switch-on delay, e.g. for boilers
- › Heating or cooling mode, suitable for NC valves
- › Valve protection for hydronic systems
- › Wallpaper thickness adjustment
- › Outstanding design
- › Dimensions 50x50

[PROGRAMMING IS NOW CHILD'S PLAY]

- › Very large LCD with backlight
- › Easy programming due to one line of scrolling text (menu items, text advice)
- › Easy to change between 2 temperatures (Comfort, Set-back)
- › Armchair programming (with removed display unit)
- › Operating language can be selected
- › Access protection for children
- › Separate reset of user and installer settings

[APPLICATIONS]

- › Room heating (remote sensor optional)
- › Electric underfloor heating
- › Room heating via underfloor (minimum and maximum limiter e.g. Ceramic Stove Controller or electric room heating)
- › Can be applied for "Only Heating" and "Only Cooling"

[SPECIAL FEATURES]

- › **Ceramic Stove Controller** Ensure the minimum floor temperature with the FITnp 3L: Because of additional heat gain from sunshine or a ceramic stove, the room temperature increases quite quickly and conventional heating controls then switch off. In particular hydronic underfloor heating systems have a long heating-up time. This could lead to relatively low floor temperatures and possibly to cold feet. The minimum limiter function of the FITnp controller prevents excessive cooling of the floor. A minimum temperature of the floor can be ensured. This minimum temperature level can be adjusted individually.



The new flush-mounted EBERLE thermostat



Eco operation.
External input ECO is active,
it will be adjusted to the
configurable temperature
e.g. night set-back



Large Display with back light.
Configurable hysteresis e.g. for
pellet burner



[VARIANTS]

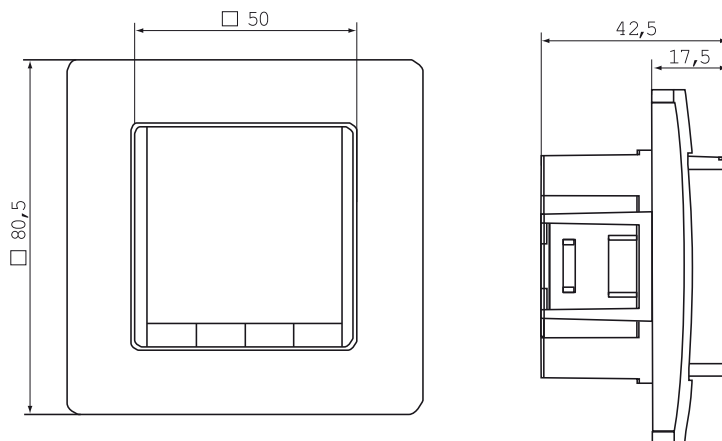
Features	FITnp 3R	FITnp 3F	FITnp 3L	FITnp 3U
Room temperature controllers (remote sensor optional) Temperature 5...30 °C	■			■
Floor heating controllers Temperature 10...40 °C		■		■
Room temperature controllers with limiter function Temperature Room 5...30 °C Floor 10...40 °C			■	■
Valve protection, OFF function	■		■	■
Suitable for:				
› Room heating (remote sensor optional)	■			■
› Electric underfloor heating/-conditioning		■		■
› Electric room heating via floor with limiter (minimum and maximum limiter) e.g. Ceramic Stove Controller or electric room heating			■	■
› Underfloor- and convector heating	■			■
› Room Cooling	■			■
Article numbers				
Display colour blue	527 8153 55 100	527 8163 55 100	527 8173 55 100	527 8183 55 100
Display colour white	527 8154 55 100	527 8164 55 100	527 8174 55 100	527 8184 55 100

Variants for all applications

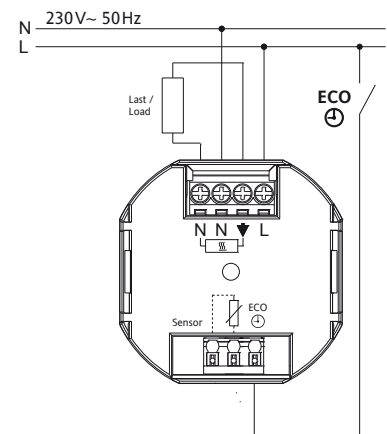
[TECHNICAL DATA]

Order Type	FITnp 3U		
	FITnp 3R	FITnp 3F	FITnp 3L
Supply Voltage	230 V AC 50 (195...253 V)		
Temperature setting range	5 °C ... 30 °C; in 0,5 °C steps	10 °C ... 40 °C; in 0,5 °C steps	5 °C ... 30 °C; in 0,5 °C steps
Temperature display	0,1 °C steps		
Display language	English, German, French, Dutch (further languages on request)		
Output	Relay NO contact		
Switching current	10(4) A	16(4) A	10(4) A
Output signal	› PWM (Pulse Width modulation or ON/OFF), › cycle time, minimum output ON/OFF time and hysteresis configurable		
ECO-Input ⊕	a change over via external timer (ECO temperature is freely adjustable) 5 °C ... 30 °C	10 °C ... 40 °C	5 °C ... 30 °C
Remote sensor	optional	yes	yes
Ambient temperature	Operating 0 °C ... 40 °C (without condensation)		
Degree of protection	IP 30		
Protection class of housing	II		
Weight	~ 100 g	~ 280 g	~ 280 g

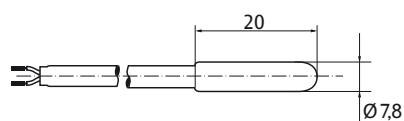
[DIMENSIONS]



[WIRING DIAGRAM]



[REMOTE SENSOR F 193 720]



Length 4 m, can be extended up to 100m

468 931 003 827 - 1000 - 03.11
Errors possible / Subject to alterations