- 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













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 ① 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 50 x 50

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]

Decause 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

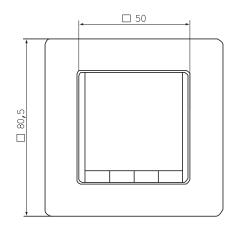


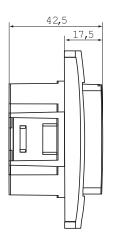
[VARIANTS]

Features		FITnp 3R	FITnp 3F	FITnp 3L	FITnp 3U
Room temperature controllers (remote sensor optional) Temperature 530 °C		•			•
Floor heating controllers Temperature 1040 °C					
Room temperature controllers with limiter function Temperature Room 530 °C Floor 1040 °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 Display colour white	527 8153 55 100 527 8154 55 100	527 8163 55 100 527 8164 55 100	527 8173 55 100 527 8174 55 100	527 8183 55 10 527 8184 55 10

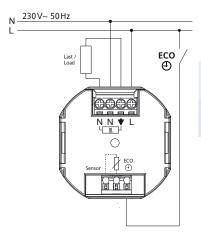
TECHNICAL DATA]	FITnp 3U				
Order Type	FITnp 3R	FITnp 3F	FITnp 3L		
Supply Voltage	230 V AC 50 (195253 \	/)			
Temperature setting range	5 °C 30 °C; in 0,5 °C steps	10 °C 40 °C; in 0,5 °C steps	5 °C 30 °C; in 0,5 °C steps		
Temperature display	0,1 °C steps				
Display language	English, German, French, 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 extern 5°C30°C	al timer (ECO temperature is fro 10°C40°C	eely adjustable) 5°C30°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]

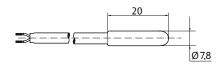




[WIRING DIAGRAM]



[REMOTE SENSOR F 193 720]



Length $4\,\mathrm{m}$, can be extended up to $100\,\mathrm{m}$