



PRO SMART *System*

— *Smart automatization system* —



PRO SMART *System Ltd*

- ✓ *Quick and easy installation*
- ✓ *Quick and easy wireless connection*
- ✓ *Versatility of the system – easy to implement*
- ✓ *Integration with every type of device and already working systems*





SECURITY & RELIABILITY

- *No need for constant internet connectivity*
- *Data encryption*
- *Every device could be added just once depending on its unique number*
- *Every user confirms the device activation manually via a separate button*
- *Multi-staged security system*





THE PLATFORM



*Intuitive and
easy to use
software
application*



[illegible]



MOBILE APPLICATION

- Quick and easy login
- High degree of security
- Data stored in external secure server
- Works perfectly on all mobile devices



- Intuitive design





BBoil

- *Easy installation*
- *Constant real time information about the water temperature*



- *Customized schedule creation based on real time information*
- *Complex adaptive control algorithms*





SECURITY & RELIABILITY

Technical specification

Temperature measurement range	from 0 till 125°C (0.25°C range)
Temperature range set	from 15°C till 75°C (1°C range)
Temperature accuracy	±0.5°C from -10°C till +85°C
Clock	Internet NTP, accuracy up until 100 ms
Programmes	Modes: Turned off, weekly schedule work, manually set temperature Weekly schedule with 15 minutes range
Hysteresis	Upper and lower, set by the user in a ±10°C range
Switching socket	16A
Supply	230V AC, 0.2A
Sizes	90.2 x 53.3 x 56.5 mm (LxWxH)
Working temperature	from 0° till 45°C
Storage temperature	-20°C till +60°C
Working humidity	from 5% till 90% without condense

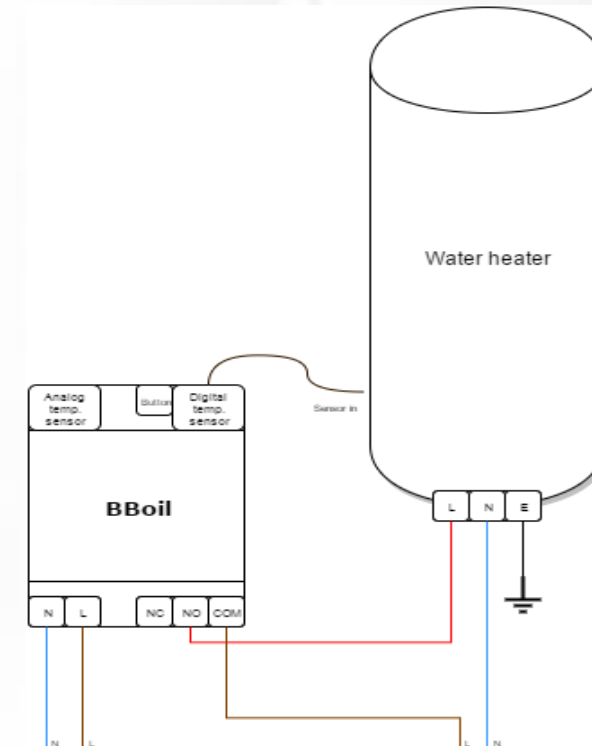




SECURITY & RELIABILITY

BBoil connection to an electrical boiler

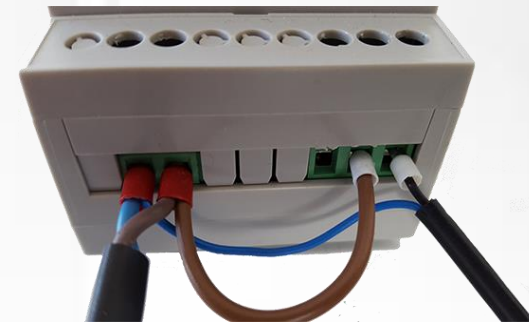
The temperature sensor could be used for measuring the temperature via a bung or be installed in the thermostat bed, in which case a thin temperature sensor is used.





SECURITY & RELIABILITY

- The device could be used to control all electrical devices or heating systems that allow interrupting the incoming phase or are being controlled via a Naturally open/Naturally closed circle. The Scheme shows the way of connecting the device.
- BBoil could be used as a room thermostat, for which purpose the temperature sensor should be placed in the room, where the temperature is going to be measured





Manufacturer benefits

- *Information about every product and its life cycle*
- *Generalized information about the customers' needs and habits*
- *Remote monitoring and better customer's support*





Customer benefits

- *Water heating moments before use*
- *Easy integration on every type of sensor*
- *Possibility for control of different devices*
- *Constant information*
- *Constant control of the real time processes*
- *Self-learning and evolving system*
- *‘Turned off boiler during showering’ mode*
- *Automatic control depending on the customer’s physical location*





Thank you!



PROSMART *System Ltd*