The Steca TR 0603mc solar thermal controller unites the features of the already successful Steca TR 0502 and TR 0603 temperature differencecontrollers.

As a particular highlight, the Steca TR 0603mc stores the system'soperational data on a SD card.The 40 pre-programmed systems andnumerous additional functions allow universal use of the controller.

The large graphic display shows the animated control circuits, whichallows you to view the operating statuses of each system. The Steca TR0603mc has six inputs for recording temperatures or pulse values, aswell as an extra Grundfos Direct SensorsTM input forcombined temperature and flow rate measurement. Pumps and switchingvalves are controlled using three outputs, some of which can be speedcontrolled. The analysis software Steca TS Analyzer 1 visualizes the system results.

Product features

- Flexible and expandable
- MasterSlave concept
- Compact, multipart designer casing
- Electronic speed control
- High level of operational safety through fault diagnosis
- Hours-of-operation logger
- Software update possible
- Storage tank target temperature loading
- Seasonal systems (loading of pool / storage tank according to the time of the year)
- Daily pump start
- Modular extensions are possible with heating circuit controllers and expansion modules

- Screw terminals allow universal and rapid installation
- Integrated Steca TPC 1 bus

Displays

- Multifunction graphical LCD display with backlighting
- Animated representation of the systems and operating states

Operation

- Multilingual   menu navigation
- Side switch for manual, auto, off

Functions

- Data   logger on SD card
- Heat quantity (Grundfos Direct Sensors TM,   pulse generator, determination)
- Heating return increase
- Reduction   of stagnation phases
- Holiday (storage tank recooling)
- Circulation   (controlled by temperature / time / pulse)
- Back-up heating
- Solid   fuel boiler
- Storage tank quick charge
- Bypass
- Thermostat
- Differential   thermostat
- Timer
- Interval / tube collector
- Anti-freeze
- Anti-legionella   cyclical storage tank heating
- Display storage tank top
- Alarm   output
- Two loading zones