

# SOLAR PUMP STATIONS WITH CONTROLLER

with el. socket to connect a heating element



## CSE SOL W SRS1 T-E Pump Station

Pump Station with an integrated solar controller. The pump speed is controlled continuously by the controller and the flow rate through the solar thermal system is shown on its display. The pump station includes also a dedicated 230V power socket intended for connecting an el. heating element of up to 3kW output, or for connecting a circulation pump through a special connector. This permits to control e.g. a DHW recirculation pump or to switch another pump when an external solar heat exchanger is installed. The socket is switched following a selected program – by a temperature and time program in case of a heating element, or by a recirculation piping temperature and time program in case of DHW recirculation.

### TECHNICAL DATA

MAX. WORKING PRESSURE	6 bar
MAX. WORKING TEMPERATURE	110 °C
FLOW RATE MEASUREMENT RANGE	2-20 l/min
POWER SUPPLY	230 V, 50 Hz
HEATING ELEMENT SOCKET	230 V, max 3 kW
DIMENSIONS	470 x 265 x 120 mm

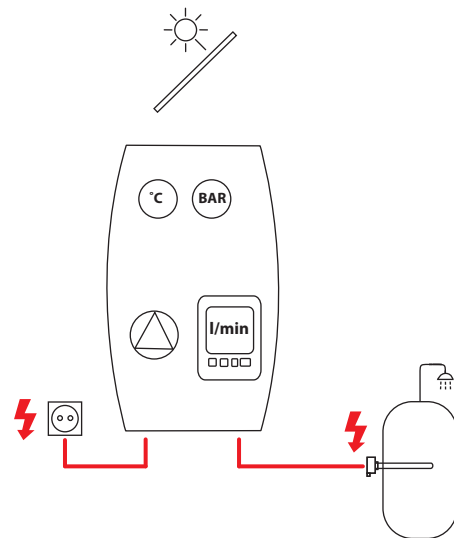
### COMPONENTS

- Circulation pump PARA ST 25 / 7-50 / iPWM2
- 3m power cord with el. plug for controller & pump
- **SRS1T Controller with tank sensors connected (the assembly involves 1 solar sensor and 2 tank sensors)**
- **230V power socket intended to connect an el. heating element of up to 3kW output, switched by the controller**
- Check valve
- Safety valve
- Fill and drain valves
- Two ball valves
- Pressure gauge
- Thermometer
- Safety valve waste pipe
- Expansion vessel connection point
- Thermoinsulating case

### MODELS

Connections	G 3/4" M	G 1" M	Cu 18 mm	Cu 22 mm	Cu 28 mm
Code	16955	17318	18118	16956	17319

### DIAGRAM



### ACCESSORIES

- ETT-N heating elements – see page 15
- Connector for pump station socket - **code 16940**
- Compression fitting adaptor for connecting a waste pipe to the safety valve:  
Cu 22 x Cu 22 – **code 7629**  
Cu 22 x 3/4" M – **code 13695**

