SOL3 Solar Controller
Innovative control for complex solar thermal systems

- Control of solar heating systems
- Simple and convenient operation using rotary pushbutton
- Switching power supply with low consumption (approx. 10 kWh/year)
- 5, 7 or 9 temperature sensor inputs
- 3, 5 or 7 relay outputs
- 26, 72 or 117 predefined plant schemes
- Pulse input for flow rate measurement
- 0 to 10 V output, e.g. for pump speed control
- Integrated data logging and trending
- USB port for communication
### Technical data

<table>
<thead>
<tr>
<th>Sample application</th>
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<tbody>
<tr>
<td><img src="image" alt="Diagram of sample application" /></td>
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#### Inputs
- 5, 7 or 9 inputs for temperature sensors (Pt 1000)
- Pulse input for flow rate measurement

#### Outputs
- 3, 5 or 7 relay outputs, max. load 250 V AC, 2 A
- 0 to 10 V output for pump speed control

#### Interfaces
- Port for memory module (load and save controller settings) or data logging module
  - Optional: RS-232 interface (PC)
  - Optional: RS-232 interface (GSM or analog modem)
  - Optional: RS-485 interface (Modbus network for building control system)

#### General
- Dimensions: 144 x 97 x 54 mm (with base)
- Mounting: wall, DIN rail or panel mounting (138 x 92 mm)
- Operating voltage: 85 to 250 V, 48 to 62 Hz, max. 3 W