

**Arrangement 7: Solar system with east-/west collectors and 1 store**

The controller calculates the temperature difference between collector sensors S1 and S3 and store sensor S2. If the differences are larger than or identical to the adjusted switch-on temperature difference (DT O), one or both solar pumps will be activated by relay 1 and/or relay 2, and the store will be loaded until the switch-off temperature difference (DT F) or the maximum store temperature (SMX) is reached.

Sensor S4 can optionally be used as the reference sensor for the store emergency shutdown option (OSEM). If heat quantity measurement (OHQM) is activated, S4 and VFD are used as the flow and return sensors respectively.

