

LUMOS

Solar Differential Temperature Controllers

Controllers for standard solar thermal systems. Lumos controllers offer a clear operating concept and are equipped with an illuminated display with system-monitoring. Flashing symbols for sensors, pumps and valves enable an immediate display of temperatures, temperature differences and active outputs. Adjustment and control of the solar system can be easily carried out.

Item #52007.00 L1 Controller



Differential temperature controller for solar heating systems with 1 relay output. Complete with 4 input sensors and power cord.

Power supply: 115V.
Power consumption: 2 Amp.
Rating of relay contacts: 2 Amp.
 ΔT adjustment range: 2 - 40°Ra.

Features:

- Graphical display with system-monitoring.
- 4 temperature input sensors.
- 1 output relay for pump or valve control.
- 2 selectable system arrangements.
- Freeze protection.- Energy use meter.
- Adjustable min. collector temperature.
- Adjustable max. storage tank temperature.
- Cooling function.
- Emergency shutdown function.

Item #52008.00 L3 Controller



Differential temperature controller for solar heating systems with 2 relay outputs. Complete with 4 input sensors and power cord.

Power supply: 115V.
Power consumption: 2 Amp.
Rating of relay contacts: 2 Amp.
 ΔT adjustment range: 2 - 40°Ra.

Features:

- Graphical display with system-monitoring.
- 4 temperature input sensors.
- 2 output relays for pump or valve control.
- 2 selectable system arrangements.
- Freeze protection.- Energy use meter.
- Adjustable min. collector temperature.
- Adjustable max. storage tank temperature.
- Cooling function.
- Emergency shutdown function.
- Aquastat function