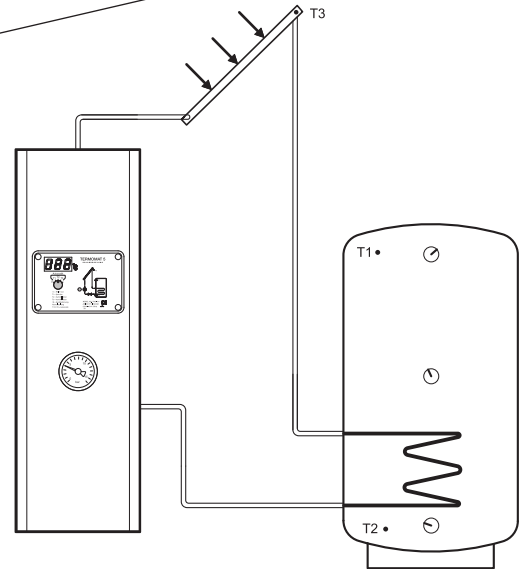


TERMOMAT SOLAR



TECHNICAL DATA

Type of control	On-off, microprocessor
Voltage	230 VAC 50/60 Hz
Power consumption	45 – 110 VA
Output relay contact ratings	2 A, 400 VA
Temperature difference	ΔT 1°C - 6°C, adjustable
Temperature range of sensors	T1 -9°C - +110°C T2 -9°C - +110°C T3 -9°C - +199°C
Length of sensors	On delivery T1 and T2 = 3 m, T3= 20 m
Temperature display	-9°C - +199°C, 13 mm, three digits
High temperature limiter	Tmax +20°C - +100°C, adjustable
Protection type	IP 40
Max. pressure	1.0 MPa (10 bar)
Connections	15 mm, others on request
Dimensions	165 x 200 x 610 mm
Weight	10 kg

TERMOMAT SOLAR is a compact, pre-fabricated control unit to be installed between collectors and storage tank in solar heating applications. TERMOMAT SOLAR is delivered factory wired which minimizes installation problems in the field. TERMOMAT SOLAR unit is simple to install and operate. The quick and easy do-it-yourself installation saves on labor charges.

TERMOMAT SOLAR INCLUDES

- Electronic control unit TM5-G1
- Three temperature sensors with 4-pole plug-in connections
- Three sensor housings with G 1/2" threads: one 90 mm and two 150 mm
- Pump Grundfos UPS 25-60
- Two stop valves
- Manometer 1.2 MPa (12 bar)
- Flow control and measuring valve
- Safety valve 0.9 MPa (9 bar), others on request
- Backflow preventer
- Filter
- Expansion tank 2 litres, max. 1.0 MPa (10 bar)
- Filling and draining valves
- Filling pump with hoses 2 x 3 m 3/8" (optional)
- Expansion tank 5, 8, 12 or 24 litres, max. 1.0 MPa (10 bar) (optional)
- Connection set for 5, 8, 12 or 24 litres expansion tank (optional)

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LK Acaso

TERMOMAT SOLAR



ORDERING DATA

Order No.	Type
8006	TERMOMAT SOLAR with 2 litres expansion tank
8006-2	TERMOMAT SOLAR without expansion tank
6550	Expansion tank 2 l, max.1.0 MPa (10 bar) pre-loading pressure 0.25 MPa (2,5 bar)
6551	Expansion tank 5 l, max.1.0 MPa (10 bar) pre-loading pressure 0.25 MPa (2.5 bar)
6552	Expansion tank 8 l, max.1.0 MPa (10 bar) pre-loading pressure 0.25 MPa (2.5 bar)
6553	Expansion tank 12 l, max.1.0 MPa (10 bar) pre-loading pressure 0.25 MPa (2.5 bar)
6556	Expansion tank 24 l, max.1.0 MPa (10 bar) pre-loading pressure 0.25 MPa (2.5 bar)
6560	Connection set for 5 l expansion tank
6561	Connection set for 8 and 12 l expansion tank
6562	Connection set for 24 l expansion tank
8007	Filling pump with hoses
8802	Sensor lengthening 10 m, 4-pole plug-in connection



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