

DTC 200/2G

FIRŠT DIFFERENTIAL THERMOSTATS

for heating DHWT (domestic hot water tank)

FIRŠT®

2-POINT CONTROL 1 / 0



FIRŠT DTC 200/2G is a differential thermostat, designed for heating DHWT from one heating source.

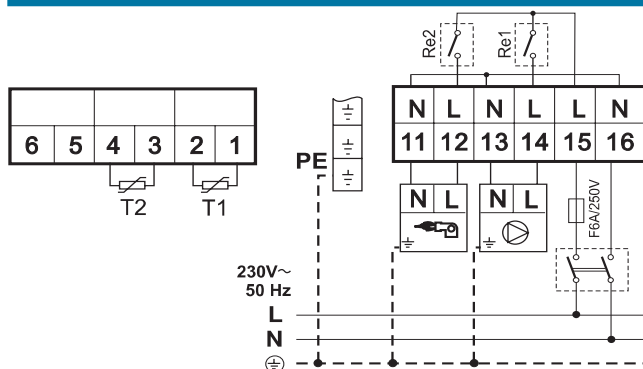
- Output for controlling motor actuated ball valve (type EMV 110 S9000) with circulation pump, burner (gas / oil) or electric heater.
- Knob for setting temperature (DHWT), and temperature difference
- Setting working regime: with jumpers (heating or cooling)
- Selector switch for choosing the operation (manual, auto), and to assist installer on start-up and technician during service.
- LED status indicator

OPERATION

DTC 200/2G is a differential thermostat, designed for heating DHWT (domestic hot water tank) from one heating source (solar collectors, boilers, heat pumps) with possibility to control the burner or electric heater. It can be also used for cooling living space with blowing the cool out-side air into the living space.

Its main advantages are: simple handling, reliable operation, compact and convenient version and low price for its quality class.

CODE AND ELECTRICAL CONNECTION

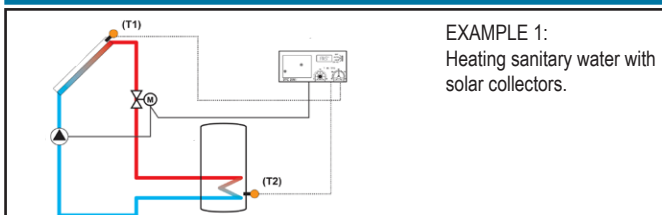


TECHNICAL DATA: DIFFERENTIAL THERMOSTAT

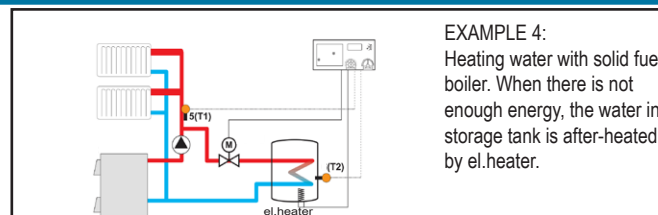
Control:	2-point (P)
Supply voltage:	230VAC, 50Hz
Power consumption:	4VA
Output relay rating:	1(1)A, 230VAC, 50Hz
Temperature measuring range:	-40..+120°C
Ambient temperature:	0..40°C
Storage temperature:	0..+70°C
Outputs:	2 x relay output 1(1)A, 230VAC, 50Hz, Working contact SPST
Inputs:	2 x analog sensor
Temperature setting range (DHWT):	5..85°C
Temperature difference setting:	0..15K
Hysteresis of thermostat:	1.2K
Sensors type:	KTY 81-210
Weight:	0,5 kg

Code	Type	Description
13017	DTC 200/2G	2 sensors, mounting kit

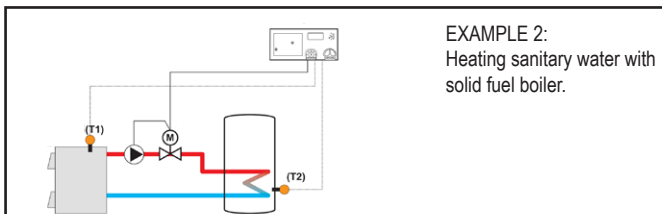
INSTALLATION EXAMPLES



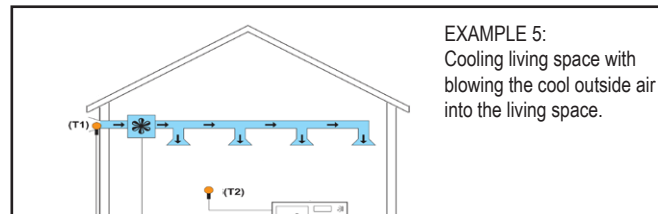
EXAMPLE 1:
Heating sanitary water with solar collectors.



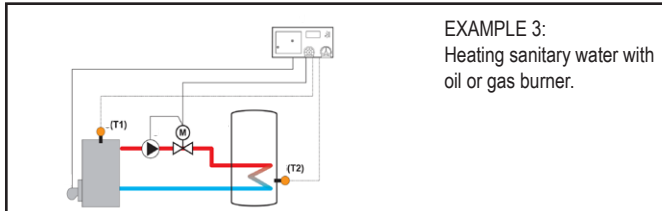
EXAMPLE 4:
Heating water with solid fuel boiler. When there is not enough energy, the water in storage tank is after-heated by el. heater.



EXAMPLE 2:
Heating sanitary water with solid fuel boiler.



EXAMPLE 5:
Cooling living space with blowing the cool outside air into the living space.



EXAMPLE 3:
Heating sanitary water with oil or gas burner.

FIRŠT®

FIRŠT d.o.o.
Koroška cesta 56
SI-3320 Velenje
SLOVENIA

phone: +386 3 898 35 00
fax: +386 3 898 35 35
email: info@first.si
web: www.first.si

www.first.si
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