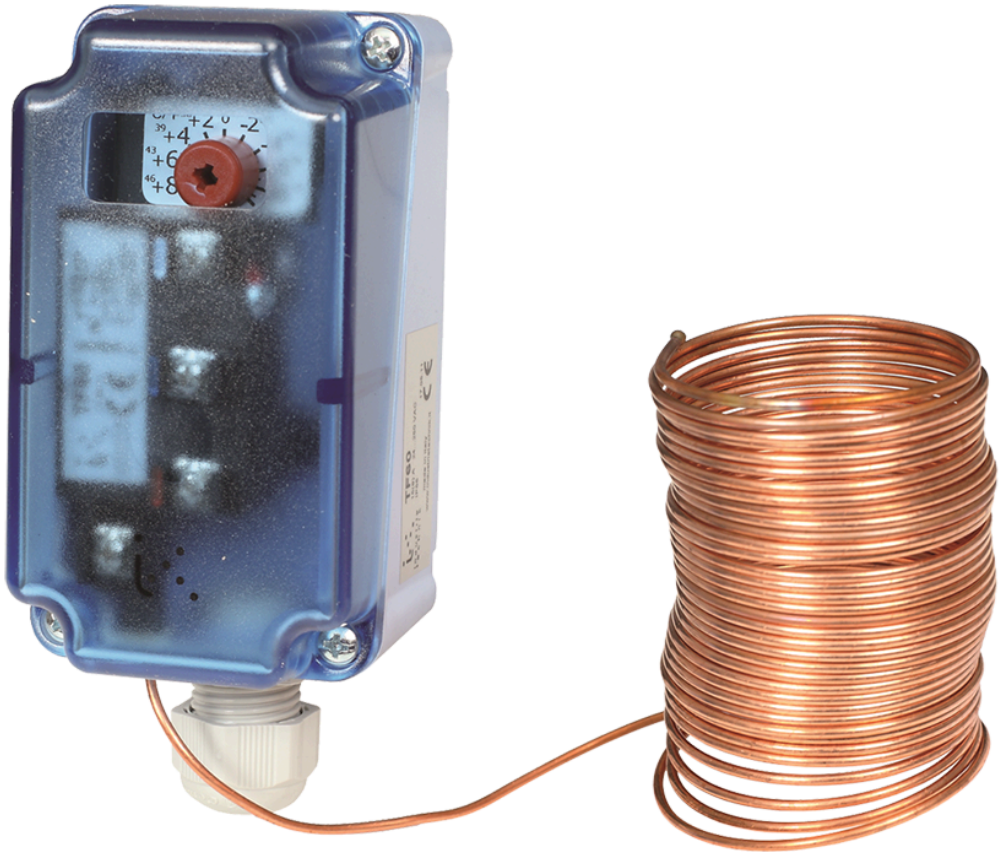
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DATA SHEET

TF

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measure-be sure.

TF CAPILLARY THERMOSTATS

TF capillary thermostats are protective devices for preventing heating coils from freezing in the air handling units.

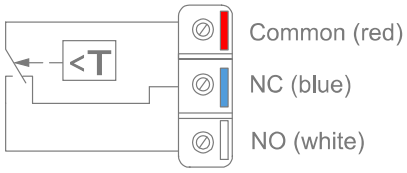
For example, the thermostat can be used in the following applications:

- driving a fan
- driving a damper
- opening or closing a valve
- driving an electric heater
- driving a heating or cooling circuit pump
- switching off cooling system or humidifier
- indicating an alarm

The thermostat switches when the temperature sensed by the capillary element drops below the set temperature.

The set point knob is located under the cover to avoid any involuntary changes of the set point.

Wiring





Technical data:

Range	-10…10 °C
Accuracy	±1 °C
Hysteresis	2 °C
Contact type	SPDT micro switch
Contact output	24...250 Vac, 15 (8) A
Capillary element length	
TF 18 / TF 18R	1.8 m
TF 30 / TF 30R	3 m
TF 60 / TF 60R	6 m
Resetting	
TF 18 / TF 30 / TF 60	automatic
TF 18R / TF 30R / TF 60R	manual
Ambient temperature	max. 50 °C
Ambient humidity	10…90 % rH
Housing	IP65
Dimensions (w x h x d)	62 x 140 x 65 mm

Ordering guide:

Model	Product number	Description
TF 18	1240230	thermostat, automatic reset
TF 18R	1240231	thermostat, manual reset
TF 30	1240220	thermostat, automatic reset
TF 30R	1240221	thermostat, manual reset
TF 60	1240210	thermostat, automatic reset
TF 60R	1240211	thermostat, manual reset
DBZ-05	1240200	capillary element mounting bracket

Products fulfill the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3: 2001 (Emission) and EN61000-6-2: 2001 (Immunity).

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