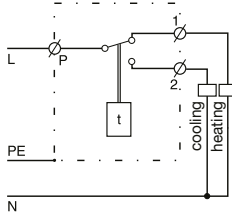


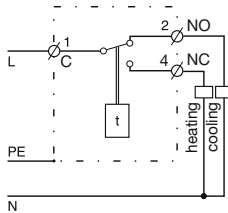
# Thermostats and protections

## F2000 N – capillary thermostat



- suitable as an anti-frost thermostat
- protection against freezing of Freon exchangers
- operating temperature range from -35 to +35 °C
- sensitivity 2 °C
- max. tube temperature 55 °C
- max. load 230 V 16 A, 4 A inductive
- capillary length 1500 mm
- capillary tube material – nickel clad copper
- protection IP44
- dimensions 57 × 46 × 85 mm (W × H × D)

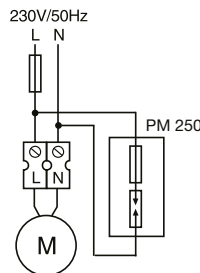
## THE-F – frost protection



NO – normal condition,  
NC – low temperature

- suitable as an anti-frost thermostat
- protection against freezing of freon and water heat exchangers
- operating temperature range from -18 to +13 °C
- sensitivity 2 °C
- max. tube temperature 55 °C
- max. load 230 V 16 A, 4 A inductive
- capillary length 3 m
- capillary tube material – nickel clad copper
- protection IP44
- dimensions 87 × 49 × 68 mm (W × H × D)

## PM 250 – surge protection



- overvoltage protection for fans containing a delayed damper opening or a time switch with a PTC element
  - rated voltage 230 V/50 Hz
  - ambient temperature 0–50 °C
  - is built in a plastic housing that can be placed under the switch
  - has a non-reversible overload fuse
  - IP40 protection
  - dimensions 51 × 30 × 12 mm (W × H × D)
- Used when fans are connected together with fluorescent lamps without compensation capacitors, which produce high overvoltages in the installation. These overvoltages of 2–6 kV will normally destroy the built-in PTC members of the fan. It is mounted between zero and the control phase.