



Function description

The auxiliary contact cuts out when the spindle is turned to position stop. The auxiliary contact can be used, for example, to cut out a heating element or in series with the main switch.

The signal contact is used to give an alarm (e.g. switch on or switch off a warning lamp) if the temperature rises to 3-5°C higher than the cut-in temperature. The signal contact must not be loaded inductively.

The changeover contact can be used, for example, in connection with a Danfoss 3/2-way solenoid valve in a two-temperature cabinet.

The series contact cuts out when the spindle is turned to position stop. This cuts out the connection to the main contact and signal contact.

The super-function contact cuts in when the spindle is turned to position super.

Thermostats with a fixed setting are most often used in chest freezers where the temperature must not be changed.

Type 077B4 is used for semi-automatic defrost where a pushbutton is used to activate manual defrost. After defrosting is complete, the thermostat automatically returns to normal function.

Thermostats with fixed or variable cut-in temperature lying between +2°C and +11°C are used for automatic defrost. This means that the evaporator is defrosted in every standstill period.