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NTC Sensor Defect KE360-1-2-T and KE360-2-2T

If a customer complains that the LED display reading on the control module blinks, a check must be carried out to find out whether the sensor (probe) is in order or not. The NTC sensor is checked with the figure in the chart in service manual H8-T8-01.

If the probe is defect, the green LED display reading will begin to blink after 5 seconds. Blink frequencies vary, depending on which probe has developed a defect:

- Simultaneous fault on two or three sensors: 1 sec. ON / 1 sec. OFF
- Freezer section or refrigerator probe fault:
 - 2 sec. ON / 2 sec. OFF
 - Evaporator sensor fault: 4 sec. ON / 4 sec. OFF

Layout of connections for the 433298 electronic system



K1 - Valve or heating element connection

K2 - Compressor connection

K3 - Door switch connection

K4 - Miniature bulb connection

K5 - Fan connection (optional)

K10 - NTC sensor connection

- Sensor connection in the freezer section, black conductor
- Sensor connection in the refrigerator evaporator, white conductor
- Sensor connection in the refrigerator section, brown conductor
- Sensor connection in the refrigerator section, brown conductor

If it is ascertained that the NTC sensor on the evaporator plate of the refrigerator has developed a defect, the electronic unit spare-part no. 433298 (code number 194618) must be replaced.

The old electronic unit (code number 114247) must be replaced with the new electronic unit (code number 194618) (the new electronic unit will always be delivered when spare parts are ordered); this unit must, however, have the corresponding software version, namely version 111 or 112 or higher.

If it is ascertained that the NTC air sensor in the refrigerator or freezer section has developed a defect, the electronic unit will not need to be replaced, only the corresponding NTC sensor. The spare-part no. is 433291 (code number 108164). The sensor is available under item number 101 in the spare-parts list.