

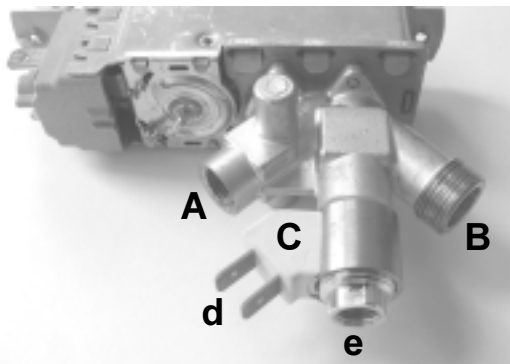
SERVICE BULLETIN

Dometic GmbH, In der Steinwiese 16, D-57074 Siegen

RM 6270/6271/6290/6291/6360/6361/6390/6391/6400/6401,
RM 7270/7290/7360/7390/7400

Flame does not keep burning!

Compact Fitting V85



The compact fitting integrates the gas supply, flame failure device and thermostats for 230V- and gas operation.

- A = Gas outlet to gas burner**
- B = Gas inlet**
- C = Thermo current breaker**
- d = Connections to energy selection switch**
- e = Connection to thermocouple**

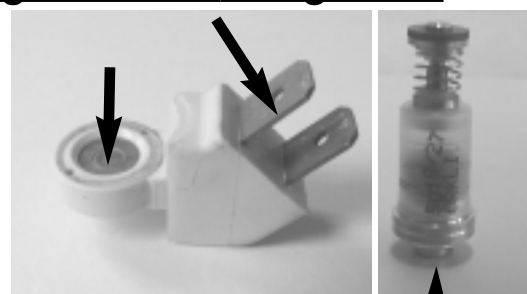
Flame does not keep burning, extinguishes after ignition

Due to a corrosive layer on the contact area of the components of the flame failure device

- Thermo Current Breaker**
- Magnetic Coil**
- Energy Selection Switch**

the transition resistance will increase. By this the function of the flame failure device could fail.

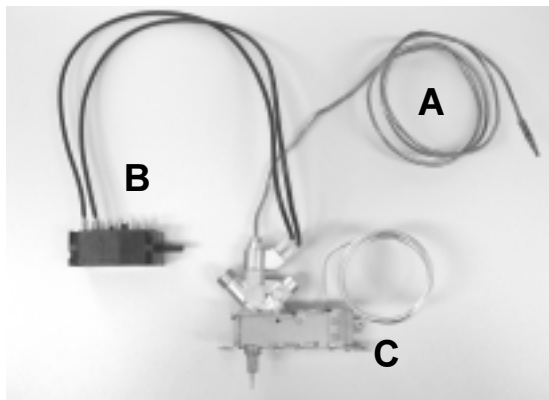
Then the low current of the thermocouple (contact potential generated while flame is burning) is not sufficient, to hold the magnetic valve for gas supply. The flame extinguishes, no gas operation possible.



Thermo Current Breaker

Magnetic Coil

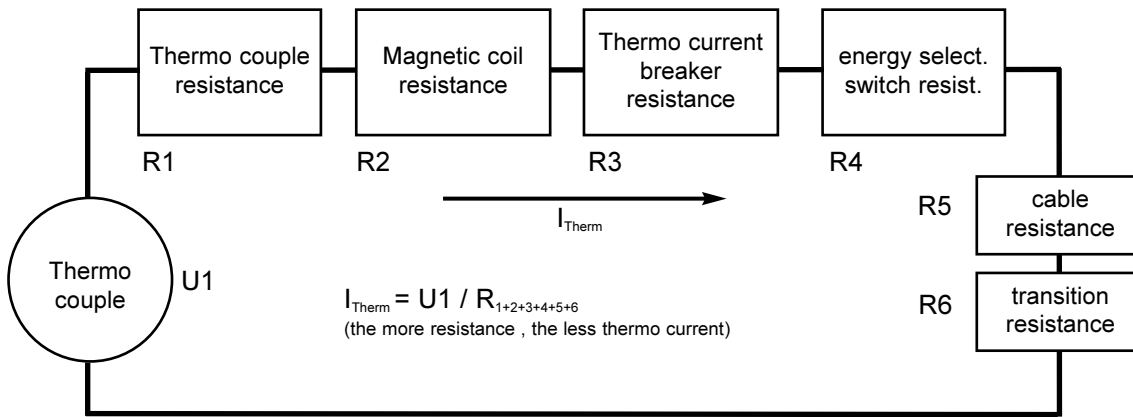
Components within the thermo current circuit



Thermocouple, thermo current breaker, magnetic coil and energy selection switch are placed in the thermo current circuit.

- A = Thermo Couple**
- B = Energy Selection Switch**
- C = Compact fitting**

Scheme of resistances within the thermo current circuit



Checking and remedy



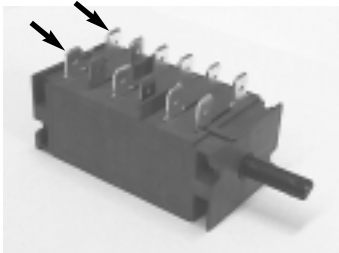
Energy Selection Switch



Compact Fitting



Check contacts for corrosion. Exchange thermo current breaker and magnetic coil if necessary.



Check contacts 6a/6b at the energy selector. If necessary exchange complete switch.

Spare parts

Thermo couple
292 3435-32/1

Energy selection switch with assembled cables (picture)
295 2025-20/9

Compact fitting
241 2190-02/3

Magnetic coil
210 6030-00/6

Thermo current breaker
295 2985-00/6

