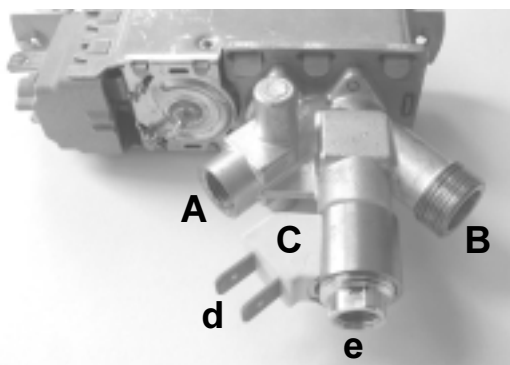


Dometic GmbH, In der Steinwiese 16, D-57074 Siegen

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

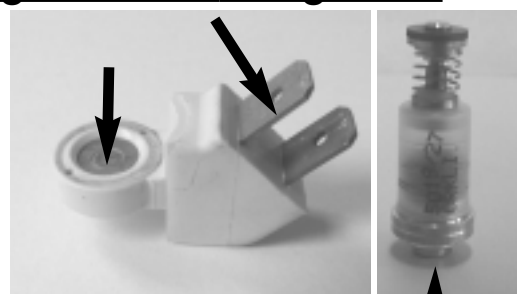
Thermo Current Breaker

Magnetic Coil

Energy Selection Switch

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

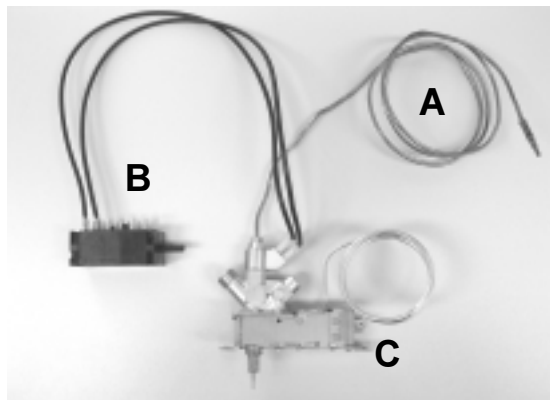
Then the low current of the thermocouple (contact potential generated while flame is burning) is not sufficient, to hold the magnetic valve for gas supply. The flame extinguishes, no gas operation possible.



Thermo Current Breaker

Magnetic Coil

Components within the thermo current circuit



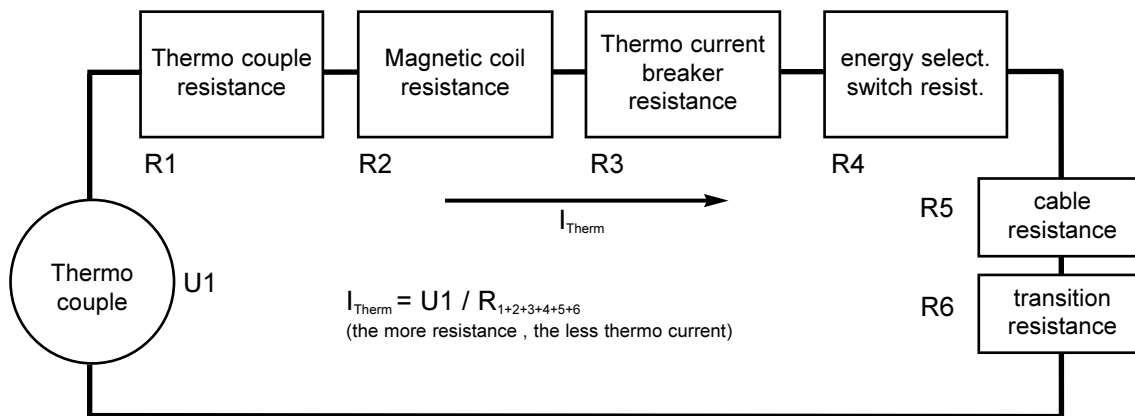
Thermocouple, thermo current breaker, magnetic coil and energy selection switch are placed in the thermo current circuit.

A = Thermo Couple

B = Energy Selection Switch

C = Compact fitting

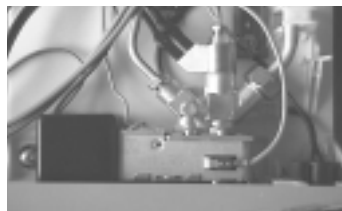
Scheme of resistances within the thermo current circuit



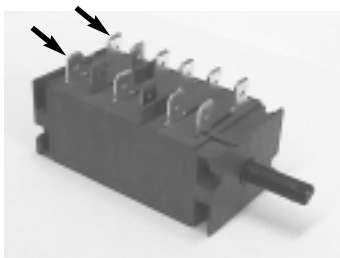
Checking and remedy



Energy Selection Switch



Compact Fitting



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



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

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

