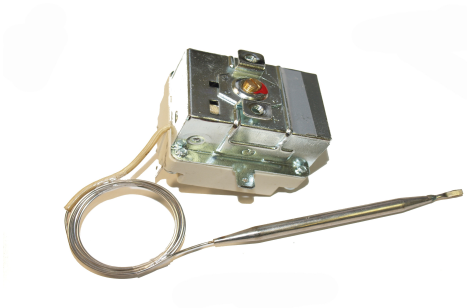
INSTRUCTION MANUAL
Three-phase thermal fuse MMG



THERMIS MĚŘÍCÍ A REGULAČNÍ TECHNIKA

➢ Description and use

Three-phase thermal fuse is based on a principle of liquid dilatation. The thermal fuse consists of two main parts, the switching mechanism and a capillary temperature sensor. The cover contains a protective earthing pin and the base board has a RESET button for circuit re-connection. MMG thermal fuses are built-in with IP 00 and they switch the circuit off when overcoming the previously set value by the manufacturer (value on customers request). Thermal fuse does not serve as the main switch. The thermal fuse must not be switched on under electric load. If the temperature of sensor surroundings reaches the pre-set value by a manufacturer, the circuit disconnects.. Re-connection can only be done mechanically after the sensor is cooled down. The fuse is designed primary for hot water boilers and other heating appliances as a protective device. It is suiltable termoregulatory of all liquid, gas and solid substances.

➢ Installation

Installation and connection of the thermal fuse into the circuit can only be performed by a qualified person according to regulation no. 50/78 min. §6 or an employee of expert service. During the installation follow below mentioned recommendations:

Thermal fuse should be built-in appliances category I in a way, that the connecting terminals must be under a undetachable cover. Terminal connection to the electric circuit and connection of the earthing pin must be done using hollows 6,3x0,8 mm in compliance with ČSN EN 61210. Capillary bend done with minimum bend R = 5 mm. Choose the right length of the attachement screw, so that the bodies of the switch do not touch after tightening. Tighten the screws with torque 1,2 Nm to the control panel or the beam. The switching head can be installed in ares with normal environment AB, AE1, AM1.

➢ Storing conditions

Storing can be done in closed and aired rooms within temperature range 0–45 °C with relative max. humidity 75 %. Storing and trasfer must not cause a mechanical damage of the device. Thermal fuses must be treated with care, with no major shocks or vibrations.

➢ Possible minor failures and their elimination

Any failures of thermal fuse must be rectified by the manufacturer only.

➢ Warranty

Provided, that the product has been placed and used according to the instruction manual, the manufacturer provides with warranty in compliance with a valid code, unless agreed otherwise.

The manufacturer will reject warranty repair, in case the product has been damaged:

– during transport and storage of the purchaser, or his customers,
– during installation or disassembly of device of the purchaser or his customer.

➢ Warranty and post-warranty repairs

Warranty and post-warranty repairs are provided by the manufacturer. Warranty claim of a faulty thermal fuse should be done at the seller. The warranty claim will be accepted in case, that following requirements are met:

– submitted warranty list of the given thermal fuse,
– paid invoice of the thermal fuse,
– the conditions and requirements of operating manual were met.