

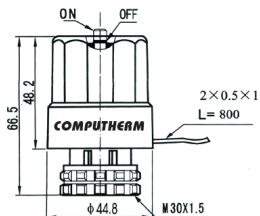
COMPUTHERM DF-110E

Electro-Thermal Actuator

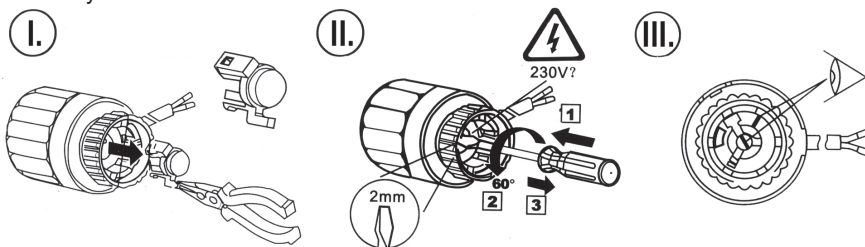
Operating Instructions

GENERAL DESCRIPTION

The valve actuator is 2-point controlled and is electro-thermally operated. It opens/closes the valve of a radiator of manifold in response to 230V voltage. The open or closed position of the valve is indicated by the axial displacement/position of the pin located on the front panel of the actuator. The simple electro-thermal construction ensures reliable operation and low energy consumption.



With factory default setting and in its non-voltage state the actuator keeps the valve closed, while it opens the valve when voltage is applied. If required, its operation scheme can be easily inverted as follows:



I. Using needle-nose pliers remove the black plug covering the axis of the actuator, located in the inside of the actuator.

- I. Fitting the tip of a small screwdriver into the cut on the axis of the actuator, push it in.
- II. Rotate the axis counterclockwise by approximately 60°.
- III. Release the axis completely.

Check, whether the cut on the axis is in the same position as indicated on the picture.

In case of need its operation scheme can be easily set back to its factory default setting by repeating the above steps in reverse order and in reverse direction.

Attention! During the installation of the product make sure that it will be protected of dripping water. Do not install it under other valves of manifolds.

Warning! The device must be installed by a qualified professional.

Warning! Modifying the actuator can cause electric shock or product failure.

The **COMPUTHERM DF-110E** electro-thermal actuator complies with the requirements of standards EU EMC 2014/30/EU; LVD 2014/35/EU and RoHS 2011/65/EU.

TECHNICAL DATA:

- Supply voltage: 230 V AC, 50 Hz
- Power consumption: 3 W
- Maximum current drain: ~ 150 mA
- Dimensions of the flare nut: M30x1,5 mm
- Opening/closing period: approx. 4.5 min.
- Opening force: 90 to 125 N
- Protection against environmental impacts: IP40
- Operating temperature: 0 °C – +50 °C
- Storage temperature: -20 °C ... +70 °C
- Length of connecting cable: 1 m
- Insulation class: double insulation
- Maximum stroke: ~4 mm
- In non-voltage state the valve is: opened/closed
- Country of origin: China

Manufacturer: **QUANTRAX Kft.**

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