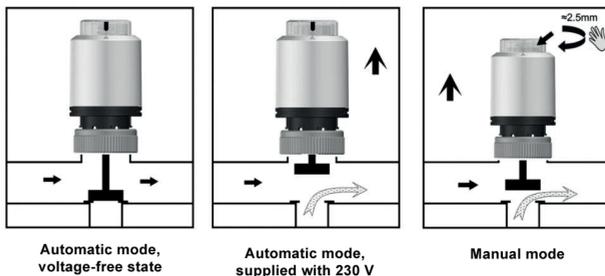
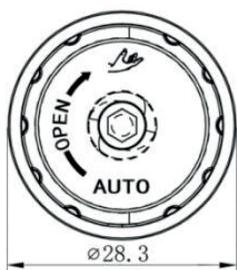


Operating instructions

to the **COMPUTHERM DF-330** electrothermal actuator

The **COMPUTHERM® DF-330** is an electrothermal valve actuator with 2-point control. It is connected to a radiator valve or heating manifold with the help of a flare nut, and allows its opening/closing. The open or closed state of the valve is shown by the position of the blue indicator on the face of the actuator. When the valve is closed, the status indicator sinks into the housing of the actuator, and when the valve is open, it emerges a few millimeters. The simple, electrothermal design is reliable and ensures stable operation and low energy consumption.

The **COMPUTHERM® DF-330** actuators have an automatic and a manual mode too. The transparent dial on the front of the actuator can be used to switch between these modes. In the automatic (AUTO; factory default) mode the actuator keeps the valve closed when it is not supplied with the 230 V mains voltage, and it ensures its opening (~4 mm stroke) within 4 minutes when supplied with 230 V. In manual () mode, the actuator keeps the valve in a partially open state, regardless of power supply (~2.5 mm stroke).



ATTENTION! Leave the electrical wiring of the product to a professional! Before installation, make sure that the device to which you want to connect the actuator is not connected to the 230 V. Do not use pipe clamps or similar tools when wiring. Only use wires with high heat resistance (e.g. silicone rubber) insulation. When installing the actuator, make sure that it is protected against dripping water.

CAUTION! Modifying the device involves the risk of electric shock or malfunction.

The **COMPUTHERM® DF-330** electrothermal actuator complies with the requirements of directives EMC 2014/30/EU, LVD 2014/35/EU and RoHS 2011/65/EU.

Technical data:

Supply voltage: 230 V AC; 50 Hz

In non-voltage state

the valve is: closed

Power consumption: 2 W

Max. current consumption: ~50 mA

Protection against environmental impacts: IP54

Insulation class: double insulation

Max. stroke: ~4 mm

Length of connecting cable: 1 m

Dimensions of the flare nut: M30x1.5 mm

Operating temperature: -5 °C...+60 °C

Storage temperature: -20 °C...+70 °C

Opening/closing time: ~4 minutes (25 °C)

Opening force: 100 N

Size: Ø40X73 mm

Outer material: PA66 + 30%GF



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