Rotary actuator for 2 and 3-way ball valves

- Torque 10 Nm
- Nominal voltage AC 24 V
- Control: Open/close or 3-point
- Auxiliary switch


Technical data


Safety notes


- The actuator has been designed for use in stationary heating, ventilation and air conditioning systems and is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- It may only be installed by suitably trained personnel.

All applicable legal or institutional installation regulations must be complied with.

- The device does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.

Simple direct mounting Straightforward direct mounting on the ball valve with only one screw. The mounting position in relation to the mixing valve can be selected in $90^{\circ} \triangleleft$ steps.

Manual operation Manual operation possible by lever (temporary disengagement of the gearing latch by pressing, permanent disengagement by means of the rotary knob on the housing).

Functional reliability The actuator switches off automatically when the end stops are reached.
Combination valve actuators Refer to the valve documentation for suitable valves, their permitted media temperatures and closing pressures.

## Electrical installation



## Dimensions [mm]

Dimensional diagrams


Adjusting auxiliary switch


Fig. 1


1. Remove the cover of the housing.
2. Press down the manual disengagement $\mathbf{A}$ on the actuator and turn the actuator into the required switching position of the auxiliary switch by means of the lever.
3. Insert the cam ring B as shown in Fig. 1, so that the switching point $\mathbf{C}$ just about operates the switch. Connection S1-S2 is switched (the arrow $\mathbf{D}$ is now at the top).
4. Assemble the cover of the housing.

Dismounting the housing cover Loosen the central screw at the black lever and remove the two Phillips screws of the housing cover.


2


4



AC 24 V


HR..24-3
AC 230 V


HR..230-3

AC 230 V


HR..230-1-T

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