



Main

For heating, ventilation and air conditioning control. For controlling fan convectors with up to three speeds, as well as for controlling three-step motor drives (continuous/pulse-width-modulated) or two-step thermal drives. The actuator supports 2-pipe and 4-pipe systems.

Complementary

Two floating binary inputs for window contact and level contact for condensed water container, for example. Connection of 1-speed to 3-speed fans. The multi-function push-button with room temperature control can be used to activate the fan coil actuator.

With integrated bus coupler. For installation on DIN rails EN 60715. The bus is connected using a bus connecting terminal; a data rail is not necessary.

KNX software functions:

Fan control:

In automatic mode, the fan speeds are controlled dependently by the control value of the multi-function push-button. The three fan speeds and automatic mode can be switched via EIB telegram. The fan can be controlled either directly or via actuators / suitable dimming actuators. Fan speed feedback is possible via corresponding status feedback objects e.g. status LED of the push-button. The fan speed as well as the automatic status "(Auto)" can be displayed on the display of the multi-function push-button with TCU.

Valve control:

Type of controller: PI controller (PWM and continuous).

Controller mode: Heating and/or cooling with common or separate valve outputs.

Operating modes: The operating mode is selected in the multi-function push-button with TCU

Power supply: AC 230 V \pm 10 %, 50/60 Hz

Power consumption: max. 3 VA

Outputs: 3 floating contacts (fan coil), 2 semi-conductor switches (valve connections)

Switching capacity for valves: 0.5 A, AC 24V - 230 V

Additional relay switching capacity: 16 A

Fan relay switching capacity: 8 A

Inputs: 2, max. cable length 5 m

Operation: Key for fan levels and heating/cooling mode

Displays: 9 status LEDs

Device width: 4 modules = approx. 72 mm

Accessories: Multi-function push-button with room temperature control unit, art. no. MTN6232.., MTN6273.., MTN6336.., MTN6346.., MTN6287.., MTN6288... Thermoelectric valve drive 24 V art. no. MTN639126.

Colour: light grey