



OPS_DM MTN heating actuator



Main

1-gang heating actuator with three inputs for installation in a size 60 switch box. Floating contacts can be connected to the inputs.

Complementary

Connection to 230 V via a flexible cable, approx. 20 cm long. The inputs and the KNX are connected via a 6-core, approx. 30 cm long, connecting cable. The connecting cable for the inputs can be extended to a max. of 5 m.

KNX software functions:

Heating actuator function:

Can be controlled by a control value (1 bit or 1 byte). Status indication (1 bit or 1 byte). Valve control (de-energised open/closed). Summer or winter mode can be selected. Cyclical monitoring of control value. Emergency mode and alarm signal. Priority control (forced setting for summer and winter mode with different values). Behaviour when bus voltage recovers and fails. Overload or short circuit signal. Control of the valve drives (switching or via PWM). Function to protect valves from sticking.

Input function:

Free assignment of the switching, dimming, blind and valuator functions. Locking object. Behaviour when bus voltage recovers.

Switching: two switch objects per input. Command on rising/falling edge (ON, OFF, TOGGLE, no reaction).

Dimming: Single surface and dual-surface operation. Time between dimming and switching and dim step values. Telegram repetition and send stop telegram.

Blinds: Command on rising edge (none, UP, DOWN, TOGGLE), Operation concept (Step - Move - Step or Move - Step). Time between short and long operation. Slat adjustment time.

Valuator and Scene ext. input: Edge (push-button as make contact, push-button as break contact, switch) and value on edge. Value adjustment via long push-button action for valuator. Scene ext. unit with memory function.

Nominal voltage: AC 230 V, 50/60 Hz

Switch contact: Triac

Nominal current: 5 to 25 mA, max. 2 valve drives

Inputs: 3

Temperature range: -5 °C to 45 °C

Type of protection: IP 20

Dimensions: 53x53x28 (WxHxD)

Note: For installation in a double box or an electronic box (Kaiser). There must be a minimum gap of 4mm between the 230V connection and the connection for the KNX/Inputs (SELV)