











Main

1-gang switch actuator with two inputs for installation in a size 60 switch box or ceiling socket-outlet with hook. Floating contacts can be connected to the two inputs.

The first input is assigned to the actuator at the factory, enabling operation without programming.

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:

Switch actuator functions:

Operation as break contact or make contact. Selection of default position on bus voltage failure/recovery. Switch on and/or off delay. Time switch function. Switching. Status feedback. Logic operation. Disable function or priority control. Status feedback object can be inverted.

Binary 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 lightscene 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. Lightscene ext. unit with memory function.

Product data sheet Characteristics

MTN6003-0001

KNX switch actuator 16 A FM with 2 inputs

Nominal voltage: AC 230 V Nominal current: 16 A, ohmic load

Switch contact: Make contact, floating relay contact

Nominal output

Incandescent lamps: AC 230 V, max. 2500 W Halogen lamps: AC 230 V, max. 2200 W

LV halogen lamps: max. 1000 VA, wound transformer

max. 1000 W, electronic transformers

Capacitive load: AC 230 V, 10 A, max. 105 µF

Inputs: 2

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)