KNX heating actuator, 1-gang

Specification		Order No.	Packing unit	PS	EAN
	Flush-mounted	2166 00	1	06	4010337075950

Features

- Free assignment of the functions switching, dimming, blind and value transmitter to the inputs.
- Blocker for blocking individual inputs.
- Behaviour upon bus voltage recovery can be configured separately for each input.
- Telegram rate limit.
- Switching function: two independent switching objects are available for each existing input and can be enabled individually, command for leading and trailing edge can be set independently (ON, OFF, CHANGE, no reaction).
- Dimming function: single-surface and double-surface operation, time between dimming and switching, and dim-step size can be set, telegram repetition and stop telegram transmission possible.
- Blind function: Command can be set with rising edge (no function, UP, DOWN, CHANGE), operating concept can be configured (Step - Move - Step or Move - Step), time between short and long-term operation can be set, slat adjustment time can be set.
- Value transmitter and light scene auxiliary unit function: edge (button as NO contact, button as NC contact, switch) and value with edge can be configured, value adjustment with button by pressing and holding button for value transmitters possible, light scene auxiliary unit with memory function and saving of the scene without previously calling up is possible.
- Heating actuator with three binary inputs for controlling thermal servos.
- Output, can be controlled via a corrected variable (1-bit or 1-byte).
- Status feedback (1-bit or 1-byte) automatically or on read request.
- Valve control (open/closed while de-energized) can be configured.
- Summer or winter mode can be selected via an object.
- Cyclical monitoring of the corrected variable; if a corrected variable telegram remains off within a monitoring period, the output switches into emergency mode and an alarm message is sent.
- Each output can be locked in a forced position, and different values are possible for summer and winter operation.
- Behaviour upon bus voltage recovery and fails can be parameterised separately for each output.
- Messages to indicate short circuits or load failures can be set via an object.
- Control of servos in switching operation or PWM operation.
- Protective function against jammed valve.

Technical data

Ambient temperature:	-5 °C to +45 °C
KNX medium:	TP1-64 (as of index I01 TP1-256)
Rated voltage:	AC 230/240 V, 50/60 Hz
Heating output - Switching contact:	Triac

Illustrations are similar and may deviate from originals.

- Switching current:	5 to 25 mA
- Number of drives per output:	max. 2
Number of inputs:	3 x zero-voltage

Notes

- For installation in a device box (electronics box from Kaiser recommended). Flush-mounted, Kaiser Order No.: 1068-02, cavity wall, Kaiser Order No.: 9062-94, halogen-free, Kaiser Order No.: 9062-74.
- The connection of the outputs is made via a flexible, approx. 20 cm long cable.
- The binary inputs and KNX bus are connected via a 6-wire, approx. 30 cm long connection line, which may be extended to a maximum length of 5 m.
- VDE approval in accordance with EN 60669-1, EN 60669-2-1.

Dimensions in mm

48 51 28
