


## Combination actuator blind and heating for KNX



Specification	Order No.	Packing unit	PS	EAN
 Flush-mounted	2164 00	1	06	4010337075936

### 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.
- The combination actuator blind and heating is a combination of a blind actuator with a heating actuator. It has three binary inputs for controlling the connected blind, shutter, awning or ventilation flap in the state of delivery.
- Operating mode can be configured: blinds, shutters, awnings or ventilation flaps.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- Feedback of the curtain position or slat position. Active or passive (object can be read out) cyclical feedback functions.
- Assignments of up to five different safety functions (three wind alarms, one rain alarm, one frost alarm) or optionally with cyclical monitoring.
- Sun protection function with fixed and variable curtain or slat positions can be activated.
- Integration in complex shading systems, optionally with automatic heating/cooling and presence function.
- Behaviour after bus voltage failure and recovery can be set.
- Feedback can be delayed until after the recovery of bus voltage.
- Forced setting function can be realised for each blind output.
- Integration in scenes is possible, 8 internal scenes at the most can be parameterised per channel.
- Memory function for light scenes.
- 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.

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## Technical data

Ambient temperature:	-5 °C to +45 °C
KNX medium:	TP1-64 as of index 102 TP1-256)
Rated voltage:	AC 230/240 V, 50/60 Hz
Blind output	
- Switching current:	3 A / AC 1
- Motors AC 230 V:	600 VA
Heating output	
- Switching contact:	Triac
- Switching current:	5 to 25 mA
- Number of drives per output:	max. 2
Number of inputs:	3 x zero-voltage

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## 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.

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## Dimensions in mm

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