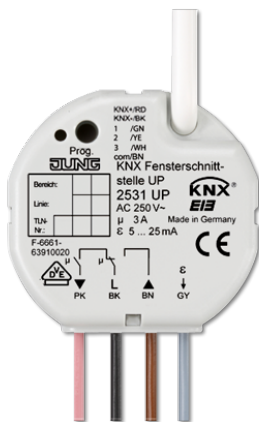


Product data sheet

Flush-mounted room climate interface with satellite input



Reference number

2531 UP

Flush-mounted KNX room climate interface with satellite input

3 binary inputs
1 blinds output, 1 output "TRIAC" (heating)

Intended use

- Switching of electrically-driven blinds, awnings and similar blinds for AC 230 V mains voltage
- Switching of electrothermal actuators
- Installation in flush box according to DIN 49073
- Connection with enclosed terminals

Product characteristics

- Control of blinds, awnings and similar blinds
- Control of electrothermal actuators
- Three binary inputs for potential-free contacts, usable as extension inputs for local operation
- Supply via bus, no additional power supply necessary

Blinds function

- Blind/shutter position directly controllable
- Slat position directly controllable
- Feedback of movement status, blind/shutter position and slat position
- Forced position through higher-level controller
- Safety function: rain alarm, frost alarm, 3 independent wind alarms
- Sun protection function

Function of valve drives

- Switching operation or PWM operation
- Actuators with characteristics "normally open" or "normally closed" can be controlled
- Overload-protected, short circuit-protected
- Protection against jamming valves
- Forced position
- Cyclical monitoring of the input signals can be parameterised

PWM operation: electrothermal actuators only have the positions Open and Closed. In PWM operation, switch-on and switch-off during the drive's cycle time achieves an almost constant behaviour.

Technical data

Rated voltage:	AC 230/240 V ~, 50/60 Hz
Switching voltage:	AC 250 V ~
Ambient temperature:	-5 ... +45 °C
Storage/transport temperature:	-25 ... +70 °C
Blinds output	

Contact type:	μ
Switching current AC1 (cos > 0.8):	3 A
Min. switching current AC:	100 mA
Motors (230 V):	600 VA
Heating output	
Contact type:	semiconductor (triac),
Switching current:	5 ... 25 mA
Switch-on current:	max. 600 mA (2 s)
Number of drives per output:	max. 2
Control cable	
Cable type:	YY6x0.6
Input type:	floating contact
Total cable length:	max. 5 m
Voltage satellite inputs:	approx. 5 V
Dimensions (Ø x H):	53 x 28 mm
Connection:	screwless terminals
single wire:	1 x 1 ... 2.5 mm ²
KNX medium:	TP 64
KNX supply:	DC 21 ... 32 V SELV
Power consumption KNX:	max. 240 mW
Connection, KNX:	terminal
Approvals:	VDE

