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KNX FLUSH-MOUNTING ACTUATORS / ACTIONNEURS À ENCASTRER KNX

Compact all-rounders

Multifunctional, flexible and secure:

The new generation of KNX actuators for flush-mounting installation

Developed for complex applications

The Switching Actuators UP 511S32, Switching/Sunblind Actuator UP 562S32 and Universal Dimmer UP 525S32 have been designed for space-saving and flexible flush-mounting installation, decentralized installation in false ceilings, floor tanks, electrical columns and cable ducts or installation in an electrical distributor with mounting rail. The hardware features three binary inputs, opening up new possibilities for complex control requirements and sophisticated applications, such as the simultaneous connection of two buttons or switches, an additional window or door contact, or a suitable sensor. The advanced logic module has eight internal functions to offer extensive operations for a diverse range of applications in any project. To ensure the actuators stay fault-free in the future, there a firmware download tool is provided for installing firmware updates to ensure the products are always up to date. And thanks to KNX Data Secure encryption, the actuators are not just versatile, but also an extra secure option for networked KNS systems. [siemens.ch/knx/fr](https://www.siemens.ch/knx/fr)

Highlights

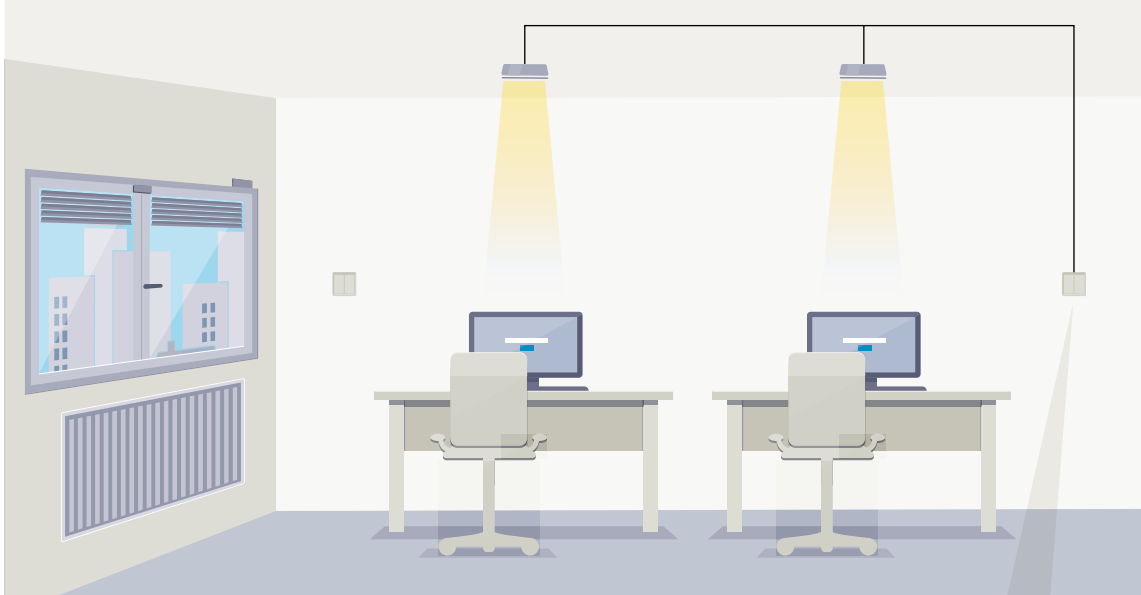
- Maximum data protection thanks to KNX Data Secure encryption
- Install the latest software updates with the Siemens firmware download tool
- Powerful logic module
- Three binary inputs
- Compact design
- Flexible installation concept thanks to matching installation housing



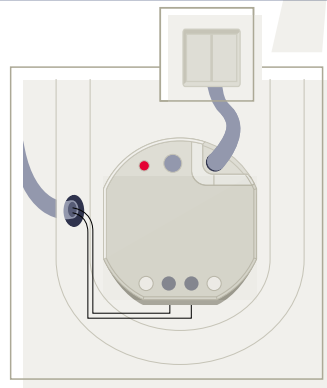
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Application with **two flush-mounting actuators**

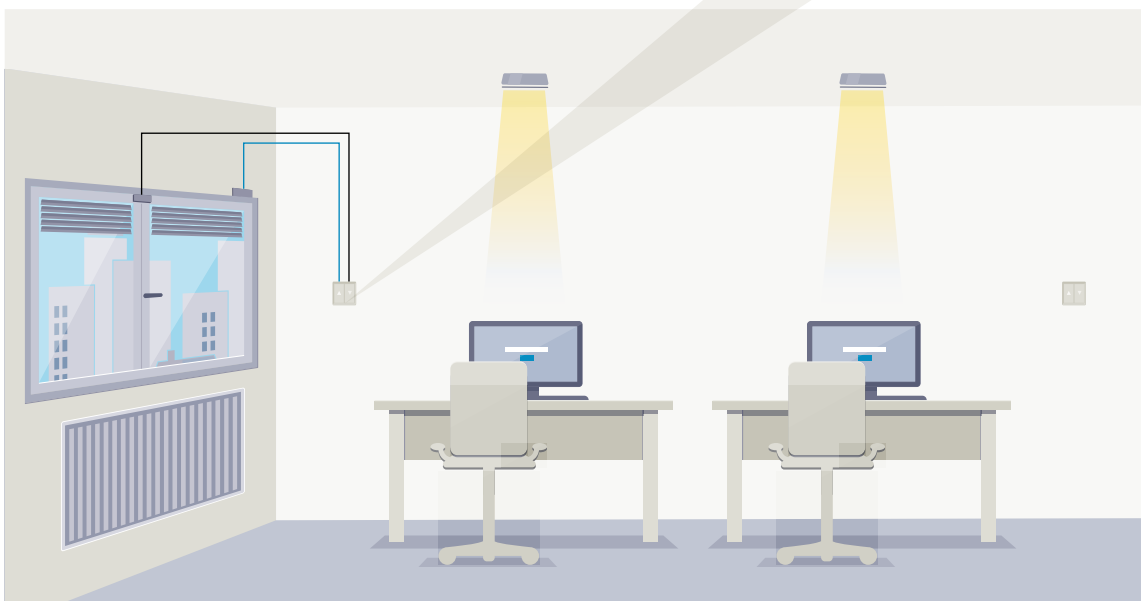
Lighting



The lighting is switched via conventional switches connected to the binary inputs (UP 511S32 for one lighting circuit, UP 562S32 for two lighting circuits) or dimmed (UP 525S32).



Solar protection



The shutter is moved UP and DOWN using a button connected to the binary inputs. The third binary input returns the status for a window contact.

All important information at a glance

Switching actuator UP 511S32



Switching/Solar Protec- tion Actuator UP 562S32



Universal dimmer UP 525S32



Technical data

- 1 relay contact
- Contact rated current: 16 A
- 1 relay contact per output
- Contact rated current: Σ 16 A
- 1 output for switching and dimming resistive, inductive and capacitive loads
- Connection capacity: 1 ... 200 W LEDs, 20 ... 230 W conventional lamps
- With electronic protection against open-circuit operation, short circuit and overtemperature
- Automatic and manual adjustment to leading edge or trailing edge control



**Data
Secure**

- 3 binary inputs for potential-free contacts: Connections for potential-free switches, buttons, sensors or other contacts
- Max. 10 m-long connecting lead, preferably J-Y(ST)Y, pre-assembled YY6x0.6
- Installation in DIN 49073-compliant device sockets or in M 592/01 installation housing (accessory)

Functions and properties

- Switching output, solar protection and dimming channel with option to operate directly via binary inputs
- Function overview: Opener or closer operation, extensive time functions, logic operations, scenes, monitoring functions, operating hours counter, blocking function, alternative forced control
- Central switching possible with up to 6 central functions
 - Configuration via ETS for switching or solar protection operation
 - Function overview: Control of electrical shutters, rolling shutters, awnings, skylights, ventilation flats or switching of electrical consumers
 - Numerous security functions (3 x wind alarm, 1 x rain alarm, 1 x frost alarm)
 - Comprehensive solar protection automation
- Function overview: Status messages, adjustable brightness threshold as well as delays, ON and dimming behavior, staircase function, scene control, logic operations, counting of operating hours, blocking function/forced control, central functions
- 8 logic functions (logic grid, value converter, disabling element, comparator, limit switch)

Installation housing M 592/01



Product attributes

- 1 slot for flush-mounting actuators
- Housing for installation on a IEC 60715-compliant mounting rail
- Housing with screw attachment for installation in false ceilings and parapet ducts, under elevated floors

Selection and order data

Produit	Désignation	Numéro d'article	Numéro E			
UP 511S32	Switching actuator, 1 x 16	5WG1511-2SB32	405 660 064			
UP 562S32	Switching/Solar Protection	5WG1562-2SB32	405 430 064			
UP 525S32	Universal dimmer, 1-fold	5WG1525-2SB32	405 440 064			
M 592/01	Installation housing	5WG1592-8AB01	405 991 064			

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We work together with customers and partners to create an ecosystem that both intuitively responds to the needs of people and helps customers achieve their business goals.

It helps our customers to thrive, communities to progress and supports sustainable development to protect our planet for the next generation.

Creating environments that care.
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