Input devices



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Binary input devices

Type	N 262D31	N 262D51	N 262E11	N 263D31	N 263D51	N 263E11	N 264E11	RL 260/23	UP 220/21	UP 220D31	N 501/01	N 502/02	UP 511S32	UP 562S32	UP 525S32
Enclosure data															
Design	N	N	N	N	N	N	N	RL	UP	UP	N	N	UP	UP	UP
Modular installation devices for mounting on TH35 EN 60715 mounting rail	■	■	■	■	■	■	■				■	■			
For inserting into flush-mounting switch and socket boxes with Ø = 60 mm									■	■			■	■	■
Modular installation device for mounting in AP 118[1] automation module box, AP 641[1] room control box or M 590/01[1] DIN-rail housing								■							
Built-in device in mounting housing M 592/01[2]													■	■	■
Dimensions															
• Width [mm] (1 MW = 18 mm)	4 MW	8 MW	6 MW	4 MW	8 MW	6 MW	6 MW	47.8	42	42	8 MW	8 MW	48	48	48
• Height [mm]								86.5	42	42			50	50	50
• Depth [mm]								36.2	8.5	8.5			28	28	28
Display/control elements															
LED for status indication per input	■	■	■	■	■	■	■				■	■			
Power supply															
Bus-powered electronics	■	■		■	■			■	■	■			■	■	■
Electronics powered via an integrated power supply unit for supply voltage AC 230 V			■			■	■				■	■			
Bus connection															
Integrated bus coupling units	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Bus connection via contact system to data rail			■			■	■				■	■			
Bus connection via bus terminal	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Inputs															
Max. cable length, unshielded, twisted [m]	100	100	100	100	100	100	100	100	10	10	100	100	10	10	10
Pushbutton inputs															
For signal input (floating contacts)	4	8	16				8		2[3]	4[3]			3	3	3
Determination of switching state by means of the voltage generated in the device	■	■	■				■		■	■			■	■	■
For voltage input				■	■	■	■	■			■	■			
• AC/DC 10...230 V				4	8										
• AC/DC 12...230 V							8[4]	4			8	8			
• AC 12...230 V/DC 12...115 V						16[4]									

[1] The AP 641 room control box, AP 118 automation module box or DIN-rail housing M 590/01 must be ordered separately, see Chapter Quick-assembly system - Room control box-Module boxes
[2] The M 592/01 mounting device must be ordered separately, see Chapter Combination devices
[3] Inputs, alternatively can be used as outputs for controlling LEDs up to a maximum of 2 mA
[4] The pushbutton inputs are mutually insulated from the base

3

... Continuation of the table

Type	N 262D31	N 262D51	N 262E11	N 263D31	N 263D51	N 263E11	N 264E11	RL 260/23 [2]	UP 220/21	UP 220D31	N 501/01	N 502/02	UP 511S32	UP 562S32	UP 525S32
Application program[1]	9A1301	9A1401	980D03	9A1301	9A1401	980D03	980D03	983101	982303	982204	981701	981601	20DF22	20DE22	303122
Input functions															
Max. number of group addresses	2000	2000	97	2000	2000	97	97	120	120	120	220	120	1600	1600	1600
Max. number of assignments	2000	2000	97	2000	2000	97	97	120	120	120	220	120	1600	1600	1600
Telegram rate limitations	■	■	■	■	■	■	■						■	■	■
Configurable debounce time	■	■	■	■	■	■	■						■	■	■
Locking of inputs using blocking objects	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Adjustable duration of long button press	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Configurable contact type (NO contact/NC contact)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Transmission parameters															
Adjustable cyclic transmission	■	■	■	■	■	■	■	■	■	■	■	■			
Configurable transmission in the event of changes to the input	■	■	■	■	■	■	■	■			■	■			
Configurable transmission in the event of bus voltage recovery	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Configurable event-controlled transmission								■	■						
Switching															
Switching ON/OFF															
• Rising edge	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
• Falling edge	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
• Rising and falling edge	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
• Short/long button press can be evaluated	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Switching OVER															
• Rising edge	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
• Falling edge	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
• Rising and falling edge	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Value transmission															
Data types[3]	■	■		■	■								■	■	■
Dimming															
1-pushbutton dimming	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2-pushbutton dimming with stop telegram (4 bit)	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2-pushbutton dimming with cyclic transmission (4 bit)	■	■		■	■			■	■	■	■	■	■	■	■
2-pushbutton dimming with value setting (8 bit)	■	■		■	■			■	■	■			■	■	■
Short/long button press can be evaluated	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Colour temperature adjustment	■	■		■	■								■	■	■
Shutter/blind															
1-pushbutton shutter/blind control	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
2-pushbutton shutter/blind control	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Short/long button press can be evaluated	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Scene															
Store and call up scene, 8-bit	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Store and call up scene, 1-bit in conjunction with scene module	■	■	■	■	■	■	■	■	■	■	■	■			
Pulse counting															
Pulse counting with/without limit value monitoring	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
Difference counting	■	■		■	■										
Setting controller operating modes (Comfort, Standby, Night mode, Protection)													■	■	■
Group control															
1-pushbutton group control	■	■	■	■	■	■	■	■	■	■	■	■			

[1] For current application programs, see www.siemens.com/gamma-td
[2] Identical functions as JB 260C23
[3] See application program description for the product

3

Developed for a wide range of applications

Binary inputs serve as an interface for operating KNX installations via potential-free binary signals or live operating points, which are detected by conventional switches, pushbuttons, or motion detectors, for example.
Similarly, the binary inputs are used to detect switching or system states or to count pulses.
Direct operation via the high-quality membrane keypad makes it possible to simulate the input states already during commissioning, without operating devices or sensors being physically connected.

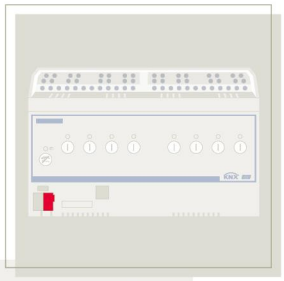
The binary inputs N 262 and N 263 are available in a construction width of 4 or 8 wide-range, each as a potential-free and voltage-loaded variant. The harmonized housing concept of the current generation of DIN-rail mounted devices has also been implemented for the binary inputs: maintenance-free terminals, housing design, width and color correspond to the overall appearance, supported by a clear direct operating level with status LEDs on the front of the device:



With the wide-range inputs of 10...230 V, the separate earth connections per channel ensure maximum flexibility of use for the installer. In addition, different voltage potentials and phases can be wired. In addition to applications such as switching and dimming lighting or controlling blinds, the units also support sophisticated tasks such as colored light control or differential counting of pulses. Logical links per channel form the basis for intelligent applications. These devices are reliable in operation and support efficient planning, installation, commissioning, and maintenance.

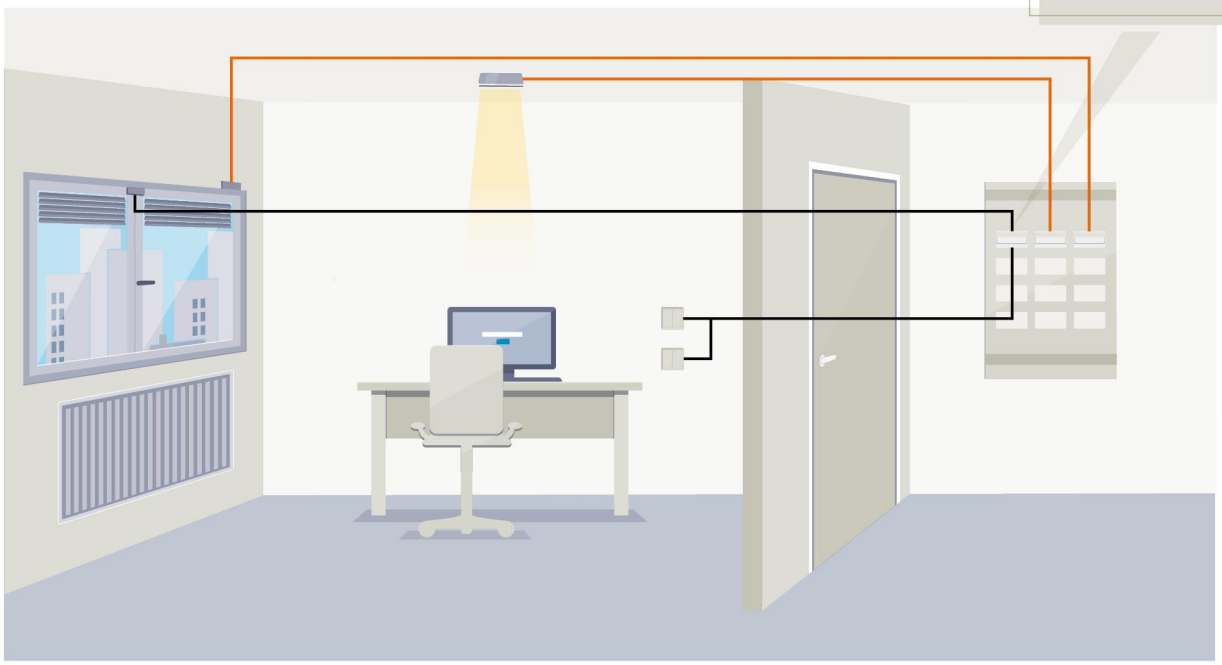
Functions and application examples

Conventional pushbuttons or switches trigger switching and control commands depending on the actuators used in the interaction.



Dimming, switching, and controlling in indoor rooms

Binary inputs operate and control in one application
with suitable actuators room functions for lighting and solar protection.



Access control with difference counting

Two binary inputs can be used to implement differential pulse counting,
which makes it possible to implemented access control for a maximum number of persons.



3

N 26..D..1





Binary inputs

- Per input direct operation function on the device for simulation of input status and indication oft the input status via LED
- Button on the device front for deactivation of the direct mode operation and LED to indicate activation direct mode operation
- Maintenance-free terminals for connection and through-wiring of untreated single-core, stranded or multi-core conductors, 0.5 ... 2.5 mm²
- Max. 100 m length of the connection lines with twisted pair cables
- Bus-powered electronics
- Housing: plastic, color RAL 7035 (light grey), N-system
- DIN rail mounted device for mounting on rail TH35 according to DIN EN 60715
- Type of protection: IP 20

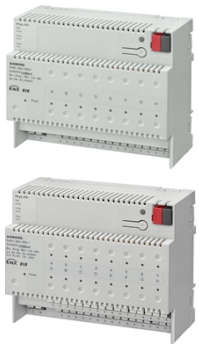
- One input-object per input for sending after change of the switching state
- Adjustable debounce time per input
- Adjustable locking of each input via an corresponding locking object
- Adjustable functions of each input: Send switching state/binary value with adjustable cyclically sending, switch edge, 1-button dimming, 1-button solar protection control, scene control, send values, pulse counting with adjustable threshold value detection, forced control, effect controller, group control, multi-touch control, colour temperature control
- Depending on the selected main function, adjustable further functions, as additional telegram with adjustable transmission delay
- Adjustable functions per pair of inputs: 2-button dimming with stop telegram, 2-button dimming with cyclical transmission, 2-button solar protection control, 2-button value transmission variable, differential counting with adjustable threshold value detection
- Two logic operations per input (AND/OR/NAND/NOR/FILTER/TRIGGER
- Adjustable transmission time for status objects after bus voltage recovery and transmission delay between status objects
- Adjustable behaviour after download
- Surveillance of device function

Range overview N 26..D..1

Product Title	Dimension width (1 MW = 18 mm)	Stock no.	Product no.
KNX Binary input, 4 x dry contacts	4 MW	5WG1262-1DB31	**N 262D31**
KNX Binary input, 8 x dry contacts	8 MW	5WG1262-1DB51	**N 262D51**
KNX Binary input, 4 x AC/DC 10...230 V	4 MW	5WG1263-1DB31	**N 263D31**
KNX Binary input, 8 x AC/DC 10...230 V	8 MW	5WG1263-1DB51	**N 263D51**

Binary input device

N 26..E/..1



- Length of unshielded connecting cable per input of max. 100 m
- LED per binary input for status display
- Input functions: Telegram rate limitations, configurable debounce time, locking of inputs using blocking objects, adjustable duration of long button press, Configurable contact type (NO contact/NC contact)
- Transmission parameters: Adjustable cyclic transmission, Configurable transmission in the event of changes to the input, Configurable transmission in the event of bus voltage recovery
- Short/long button press can be evaluated
- Switching on/off/over
- Value transmission 8 bit, 16 bit
- Dimming: single button dimming, 2-pushbutton dimming with stop telegram (4 bit)
- 1-/2-pushbutton shutter/blind control
- Store and call up scene, 1-bit in conjunction with scene module
- Pulse counting with/without limit value monitoring (8 bit, 16 bit, 32 bit)
- 1-pushbutton group control
- Integrated power supply for AC 230 V to supply the electronics
- Integrated bus coupling units, Bus connection via contact system to data rail, bus connection via bus terminal

Range overview N26..E/..1

Product Title	Dimension width (1 MW = 18 mm)	Stock no.	Product no.
KNX Binary input device 16 x potential-free contacts	6 MW	5WG1262-1EB11	**N 262E11**
KNX Binary input device 16 x AC 12...230 V / DC 12...115 V	6 MW	5WG1263-1EB11	**N 263E11**
KNX Binary input device 8 x AC/DC 12...230 V + 8 x potential-free contacts	6 MW	5WG1264-1EB11	**N 264E11**

3

RL 260/23



KNX Binary Input 4 x AC/DC 12...230 V

- 4 Inputs for AC/DC 12...230 V
- Max. cable length, unshielded, twisted 100 m
- Bus-powered electronics
- Integrated bus coupling unit, with bus connection via bus terminal block
- Type of protection: IP 20
- Screw-less terminals for connection and through-wiring of untreated single-core, stranded or multi-core conductors, 0.5...2.5 mm²
- For mounting in AP 118 automation module box or AP 641 room control box

- The following functions can be selected per input:
– Switching state/send binary value/Transmission of the input objects after change
– Switch edge, short/long switch, 8-bit value edge, 8-bit value short/long
– Dimming, shading control, single button group control
– 1/8-bit scene control
– 16-bit floating-point value edge and 16-bit floating-point short/long
– Pulse counting with/without limit value monitoring (8/16/32 Bit)
- The following functions can be selected per input pair:
– 2-pushbutton dimming with stop telegram and 2-pushbutton shading control
- Optional blocking of each input by means of the respective blocking object
- Optional cyclic transmission of input objects

The AP 641 room control box and AP 118 automation module box must be ordered separately.
See Chapter Modular Installation System - Room control box - Module boxes.

Data sheet	A6V10416114
Number of inputs potentialfree	4
Warranty	24 Months

Stock no.	Product no.
5WG1260-4AB23	**RL 260/23**

JB 260C23



KNX Binary Input 4 x AC/DC 12...230 V

- 4 Inputs for AC/DC 12...230 V
- Max. cable length, unshielded, twisted 100 m
- Bus-powered electronics
- Integrated bus coupling unit, with bus connection via bus terminal block
- Type of protection: IP 20
- As built-in device with 1/2 inch thread connection for mounting to or in a UL/NEMA Junction Box with feedthrough of the function wires through the 1/2 inch threaded connector

- The following functions can be selected per input:
– Switching state/send binary value/Transmission of the input objects after change
– Switch edge, short/long switch, 8-bit value edge, 8-bit value short/long
– Dimming, shading control, single button group control
– 1/8-bit scene control
– 16-bit floating-point value edge and 16-bit floating-point short/long
– Pulse counting with/without limit value monitoring (8/16/32 Bit)
- The following functions can be selected per input pair:
– 2-pushbutton dimming with stop telegram and 2-pushbutton shading control
- Optional blocking of each input by means of the respective blocking object
- Optional cyclic transmission of input objects

Data sheet	A6V11786003
Warranty	24 Months

Stock no.	Product no.
5WG1260-4CB23	**JB 260C23**

Pushbutton interface

UP 220/..



- Inputs / outputs each configurable for potential-free contacts or for control of an LED
- Generation of the sensing voltage for potential-free contacts
- For inserting into flush-mounting switch and socket boxes with Ø = 60 mm
- Inputs max. 10 m cable length, unshielded, twisted
- Input functions: Locking of inputs using blocking objects, Adjustable duration of long button press, Configurable contact type (NO contact/NC contact)
- Transmission parameters: Adjustable cyclic transmission, Configurable transmission in the event of bus voltage recovery
- Short/long button press can be evaluated
- Switching on/off/toggle
- Value transmission 8 Bit, 16 Bit
- Single button dimming
- 2-pushbutton dimming with stop telegram (4 bit)
- 1-/2-pushbutton shutter/blind control
- Szene store and call up scene: 8 Bit, in conjunction with scene module 1 Bit
- Pulse counting with/without limit value monitoring (8 bit, 16 bit, 32 bit)
- 1-pushbutton group control
- Bus-powered electronics
- Integrated bus coupling unit, bus connection via bus terminal

Range overview UP 220/..

Product Title	Stock no.	Product no.
KNX Pushbutton interface 2 x potential-free contact, output for LED control	5WG1220-2AB21	**UP 220/21**
KNX Pushbutton interface 4 x potential-free contact, output for LED control	5WG1220-2DB31	**UP 220D31**

Recommendation: LED light insert, for switches and pushbutton inserts, red, 1.5 V DC, 1 mA

3

N 502/02



KNX Combi switching actuator 8 x AC 230 V, 16 A, 8 x binary inputs

- 8 inputs AC/DC 12...230 V
- 8 relay contact outputs
- Rated contact voltage AC 230 V
- Rated contact operating current 16 A, p.f. = 1
- Electronics power supply via an integrated power supply unit for AC 230 V
- Device functional even without bus connection or if bus voltage absent or bus communication interrupted or not yet activated
- Push button to switch between bus and direct mode
- Push button for each output to switch the output in direct mode via a toggling function by a short actuation and for changing the output mode between remote control relay and time switch relay by holding down the push button for some seconds
- Device preset at the factory for direct switching of an output through a toggling function via the input of the same name
- Selectable function for each input when using the Engineering Tool Software (ETS):
  - Switching status / binary value transmission
  - Switching, short / long operation
  - Single button dimming, single button sun protection control, 1-button group control (sequence control)
  - 1-bit scene control
  - 8-bit scene control, 8-bit value, edge-triggered, 8-bit value, short / long operation
  - 16-bit floating point value, edge-triggered, 16-bit value, short / long operation, 16-bit value, edge-triggered, 16-bit floating point value, short / long operation
- Selectable function for each pair of inputs:
  - 2-button dimming with stop telegram or with cyclical sending
  - 2-pushbutton shutter/blind control
- Selectable blocking / releasing of each input via a corresponding blocking object
- Sending of the input objects after a change of status
- Selectable logic operation (AND/OR) for one input with a further communication object and with variable start value of the logic operation at bus voltage recovery
- Setting by means of the ETS, whether all outputs are to be configured identically or individually
- Selectable mode for each output (normal mode, time switch mode)
- Optional addition of a night mode object for each output for time-limited switching On of the output (and hence the illumination) at night
- Variable On and Off delay times for each output
- Variable On period in night mode or in time switch mode
- Selectable warning signal prior to imminent switching-off by means of three-times short off and on switching (flashing) in night mode or in time switch mode
- Optional status object per output for status reporting
- Sending of status objects on request and/or automatically after a change
- Integrated 8-bit scene control and linking of each output with up to 8 scenes
- Selectable switching state for each output at mains or bus power failure as well as after bus or mains voltage recovery
- Integrated bus coupling unit with only half a standard bus load
- Bus connection via bus terminal or contact system to data rail
- Modular installation devices for mounting on TH35 EN 60715 mounting rail

Data sheet	A6V10416148
Rated voltage	AC 230 V
Rated current	16 A
Number of channels	8
Number of inputs potentialfree	8
Dimensions (W x H x D)	144 x 90 x 60 mm
Dimension width (1 MW = 18 mm)	8 MW
Warranty	24 Months

Stock no.	Product no.
5WG1502-1AB02	**N 502/02**

KNX Combination blind actuator, 4 x AC 230 V, 6 A, 8 x binary inputs

N 501/01



- 8 inputs for DC or AC in the range from 12 to 230 V
- 8 relay contact outputs locked in pairs against each other for controlling 4 × AC 230 V sunblind drives
- Contact rated voltage AC 230 V
- Contact rated current 6 A, p.f. = 1
- Electronics powered by a AC 230 V integrated power supply
- Device functional even without bus connection or if the bus communication fails
- Preset on delivery for direct output control for each blind button function via momentary contact switches connected to the inputs
- Key for switching between bus and direct mode
- Button for each relay contact output, for switching the output in direct mode
- Selectable function for each input when using the ETS:
  - Switching status, send binary value
  - Switching on leading edge, switching Short/Long
  - 1-pushbutton dimming, sunblind control, group control
  - 1-bit/8-bit scene control
  - 8-bit/16-bit value leading edge, Short/Long
  - 16-bit floating point value leading edge, Short/Long
- Or for each pair of inputs:
  - Acting directly on the corresponding outputs as blind button
  - 2-button dimming with stop telegram or with cyclical sending
  - 2-pushbutton sunblind control
- Selectable blocking of each input via a corresponding blocking object
- Sending of input objects after change
- Selectable cyclical input object sending
- Individual or shared configuration of actuator channels
- Communication objects for each blind channel for driving the sun protection into the end positions or for stopping the procedure and adjusting the blind slats in steps
- Communication objects for setting position of slats and blinds in percentage information
- Automatic opening of the blind slats to a preconfigured nominal setting after uninterrupted driving down of the blind from the top to the bottom end position, with integrated 1-bit scene control for storing and calling up (reproduction) of 2 interim blind and slat settings
- Integrated 1-bit/8-bit scene control, 8 scenes can be integrated per channel
- Optional "Sun" object for integration in a sunlight tracking control system
- Differentiation between automatic and manual mode and with automatic switchover from automatic to manual mode for the channel in question by pressing a bus button for manual control of the corresponding sun protection
- Manual mode taking precedence over automatic position commands
- Optional central command for each device or each channel for switching the relevant channels to automatic mode and driving the sun protection into the up or down end position
- Alarm: move to safety position, Locking in this position for as long as alarm is active
- Travel lock (e. g. for cleaning the outer shutter/blinds)
- Status objects for each channel for querying or for automatic sending of sun protection and slat settings as a percentage value
- Optional status objects for reporting that the up or down position has been reached
- Integrated bus coupling unit, Bus connection via bus terminal or contact system to data rail
- Modular installation devices for mounting on TH35 EN 60715 mounting rail

Data sheet	A6V10416147
Rated voltage	AC 230 V
Rated current	6 A
Number of channels	4
Number of inputs potentialfree	8
Dimensions (W x H x D)	144 x 90 x 60 mm
Dimension width (1 MW = 18 mm)	8 MW
Warranty	24 Months

Stock no.	Product no.
5WG1501-1AB01	**N 501/01**

3

UP 511S32



KNX Switch actuator 1 x AC 230 V, 16 A

- One relay contact per output
- Rated contact operating voltage: AC 230 V
- Rated contact frequency: 50/60 Hz
- Rated contact current: 16 A
- Screw terminals for connection of untreated single-core conductors, stranded without conductor sleeve 0.5 to 4 mm², stranded with conductor sleeve 0.5 to 2.5 mm²
- 3 binary inputs for potential-free contacts, determination of switching status via voltage generated in the device
- Poll voltage of the inputs: approx. 5 V
- Max. 10 m length of connecting cables, preferably J-Y(St)Y, pre-assembled YY6x0.6
- Bus-powered electronics
- Integrated bus coupling unit
- Mounting in appliance boxes according to DIN 49073 or in mounting case M 592/01 (accessories)

- KNX Data Secure compatible
- Updateable with Siemens Firmware Download Tool
- Switching output optionally directly operable via input 1 or input 1 and 2
- Adjustable functions of switching output: status feedback, active status signalling function, adjustable as NO or NC contact, adjustable preferred position after download, adjustable preferred position in case of bus voltage failure and recovery, cyclical monitoring of switching output, adjustable switch-on and switch-off delay, staircase function, 8-bit scene control, logic operations, operating hours counting with limit value monitoring, disabling function or forced control, central switching function
- Adjustable functions of each input: switching, dimming, colour temperature control, solar protection control, sending values (1 byte, 2 byte, 3 byte, 6 byte), scene control, pair of inputs operation, controller extension (operating mode switchover, presence function, setpoint shift)
- Adjustable debounce time per input
- Adjustable locking of each input via locking object
- 8 logic functions (logic gate, value converter, disabling element, comparator, limit value switch)

Data sheet	A6V12632887
Rated current	16 A
Number of channels	1
Dimensions (W x H x D)	48 x 50 x 28 mm
Warranty	24 Months

Stock no.	Product no.
5WG1511-2SB32	**UP 511S32**

KNX Switch/solar protection actuator 2 x AC 230 V, ∑ 16 A

UP 562S32



- One relay contact per output
- Rated contact operating voltage: AC 230 V
- Rated contact frequency: 50/60 Hz
- Rated contact current: ∑ 16 A
- Screw terminals for connection of untreated single-core conductors, stranded without conductor sleeve 0.5 to 4 mm², stranded with conductor sleeve 0.5 to 2.5 mm²
- 3 binary inputs for potential-free contacts, determination of switching status via voltage generated in the device
- Poll voltage of the inputs: approx. 5 V
- Max. 10 m length of connecting cables, preferably J-Y(St)Y, pre-assembled YY6x0.6
- Bus-powered electronics
- Integrated bus coupling unit
- Mounting in appliance boxes according to DIN 49073 or in mounting case M 592/01 (accessories)

- KNX Data Secure compatible
- Updateable with Siemens Firmware Download Tool
- Adjustable functions per switching output: status feedback, adjustable as NO or NC contact, cyclical monitoring, adjustable switch-on and switch-off delay, staircase function, scene control, logic operations, operating hours counting, disabling function or forced control, central switching function
- Adjustable functions of solar protection channel: adjustable operating modes: venetian blind with slats, shutter/awning, venting louver/roof window, direct movement to a position of the sunblind and the slats, status feedback, adjustable behaviour in case of alarm (wind, rain, frost), adjustable solar protection or heating/cooling automatic, scene control, disabling function, forced control
- Adjustable preferred position after download, in case of bus voltage failure and recovery
- Adjustable functions of each input: switching, dimming, colour temperature control, solar protection control, sending values, scene control, pair of inputs operation, controller extension (operating mode switchover, presence function, setpoint shift), adjustable debounce time, locking of each input
- 8 logic functions

Data sheet	A6V12632892
Rated current	16 A
Number of channels	2
Dimensions (W x H x D)	48 x 50 x 28 mm
Warranty	24 Months

Stock no.	Product no.
5WG1562-2SB32	**UP 562S32**

3

UP 525S32



Universal dimmer, 1-fold

- One output for switching and dimming resistive, inductive and capacitive loads
- Automatic or manual adjustment to leading edge or trailing edge control, depending on the type of load
- Electronic protection against open-circuit, short circuit and temperature rise
- Rated contact operating voltage: AC 230 V
- Rated contact frequency: 50/60 Hz
- Power rating: 1...200 W LEDs, 20...230 W conventional lamps
- Screw terminals for connection of untreated single-core conductors, stranded without conductor sleeve 0.5 to 4 mm², stranded with conductor sleeve 0.5 to 2.5 mm²
- 3 binary inputs for potential-free contacts, determination of switching status via voltage generated in the device
- Poll voltage of the inputs: approx. 5 V
- Max. 10 m length of connecting cables, preferably J-Y(St)Y, pre-assembled YY6x0.6
- Bus-powered electronics
- Integrated bus coupling unit
- Mounting in appliance boxes according to DIN 49073 or in mounting case M 592/01 (accessories)

- KNX Data Secure compatible
- Updateable with Siemens Firmware Download Tool
- Dimming output optionally directly operable via input 1 or input 1 and 2
- Adjustable functions of dimming output: status feedback, adjustable brightness limit values, adjustable dimming curves for optimising the dimming behaviour of lamps, adjustable switch-on and dimming behaviour, adjustable switch-on and switch-off delay, staircase function, scene control, logic operations, operating hours counting, disabling function or forced control, central function
- Message in case of short-circuit, overload/mains voltage failure and type of load
- Adjustable preferred behaviour after download, in case of bus voltage failure and recovery
- Adjustable functions of each input: switching, dimming, colour temperature control, solar protection control, sending values, scene control, pair of inputs operation, controller extension (operating mode switchover, presence function, setpoint shift)
- Adjustable debounce time per input
- Adjustable locking of each input via locking object
- 8 logic functions (logic gate, value converter, disabling element, comparator, limit value switch)

Data sheet	A6V12632898
Dimensions (W x H x D)	48 x 50 x 28 mm
Warranty	24 Months

Stock no.	Product no.
5WG1525-2SB32	**UP 525S32**

Accessories for UP 5..S32

M 592/01



Mounting case

- One mounting location for a flush-mounted actuator type UP 511S32, UP 562S32 or UP 525S32
- Separate wiring space and strain relief for function wiring
- Housing for mounting on DIN rail TH35 DIN EN 60715
- Housing with screw fastening for installation in cable ducts, under raised floors or for surface mounting under a ceiling
- Housing: plastic
- Type of protection: IP 20

Dimensions (W x H x D)	97 x 53 x 36 mm
Warranty	24 Months

Stock no.	Product no.
5WG1592-8AB01	**M 592/01**