

# KNX DEVICES **CATALOGUE**

[www.ilevia.com](http://www.ilevia.com)







## Smart Building Advanced Control Solutions

Ilevia is an Italian *tech company* specialized in hardware and software solutions development for the Home and Building Automation market. Since the beginning (2009) Ilevia has always been committed to develop cuttingedge, reliable and highly performing solutions to be used in the home automation and in many other fields of application.

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Smart home and building solutions.  
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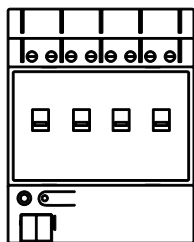
## The KNX Standard

KNX is approved as an International Standard (ISO/IEC 14543-3) as well as an European Standard (CENELEC EN 50090 and EN ISO 22510) and Chinese Standard (GB/T 20965). KNX is therefore future proof. KNX products made by different manufacturers can be combined – the KNX trademark logo guarantees their interworking and interoperability. KNX is therefore the world's only open Standard for the control in both commercial and residential buildings.

## Partnerships & Certifications



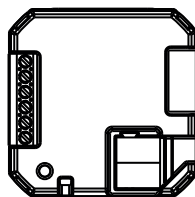
## GENERAL INDEX



### SWITCH ACTUATORS

DIN-Rail mount modules

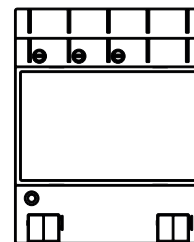
PG. 6 - 8



### UNIVERSAL INTERFACES

Flush-mounting modules

PG. 9

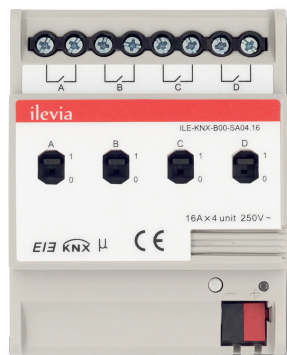


### POWER SUPPLY UNITS

DIN-Rail mount modules

PG. 10

## KNX Switch Actuator 4-Fold 16 A



### Description

The Ilevia actuator is a modular KNX device capable of controlling 4 groups of loads independently; to this purpose, the device has outputs fitted with potential-free relays. The device integrates a KNX bus communication module and is realized for mounting on a standard 35 mm DIN-rail. For its operation, the device receives a telegram from the bus, sent by a KNX device (such as a button, a sensor or another control device) which determines the opening or closing of one or more relays. The front levers indicate the status of each output channel and, in case of emergency, allow manual command (by means of a tool) of the loads. The position of the levers simultaneously indicates the switching status of the relay. The device is powered by 30 Vdc voltage via the KNX bus and does not require auxiliary power supply.

### Technical data

- 4 latch relays
- Nominal voltage (Un): 250 Vac, 50/60Hz
- Nominal current (In): max 16A, 16AX (140μF)

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Datasheet



Application  
manual

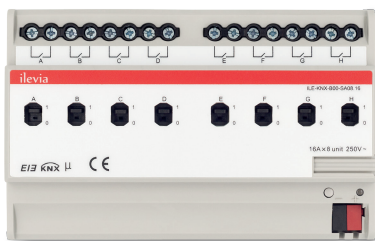


Application  
software for ETS

CODE: **ILE-KNX-B00-SA04.16**

PRICE: **€ 234,20**

# KNX Switch Actuator 8-Fold 16 A



### Description

The Ilevia actuator is a modular KNX device capable of controlling 8 groups of loads independently; to this purpose, the device has outputs fitted with potential-free relays. The device integrates a KNX bus communication module and is realized for mounting on a standard 35 mm DIN-rail. For its operation, the device receives a telegram from the bus, sent by a KNX device (such as a button, a sensor or another control device) which determines the opening or closing of one or more relays. The front levers indicate the status of each output channel and, in case of emergency, allow manual command (by means of a tool) of the loads. The position of the levers simultaneously indicates the switching status of the relay. The device is powered by 30 Vdc voltage via the KNX bus and does not require auxiliary power supply.

### Technical data

- 8 latch relays
- Nominal voltage (Un): 250 Vac, 50/60Hz
- Nominal current (In): max 16A, 16AX (140μF)

### Download



Datasheet



Application  
manual

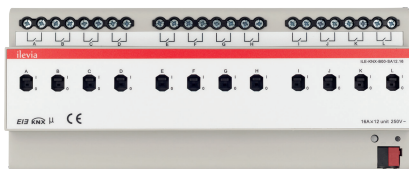


Application  
software for ETS

CODE: **ILE-KNX-B00-SA08.16**

PRICE: **€ 323,70**

## KNX Switch Actuator 12-Fold 16 A



### Description

The ilevia actuator is a modular KNX device capable of controlling 12 groups of loads independently; to this purpose, the device has outputs fitted with potential-free relays. The device integrates a KNX bus communication module and is realized for mounting on a standard 35 mm DIN-rail. For its operation, the device receives a telegram from the bus, sent by a KNX device (such as a button, a sensor or another control device) which determines the opening or closing of one or more relays. The front levers indicate the status of each output channel and, in case of emergency, allow manual command (by means of a tool) of the loads. The position of the levers simultaneously indicates the switching status of the relay. The device is powered by 30 Vdc voltage via the KNX bus and does not require auxiliary power supply.

### Technical data

- 12 latch relays
- Nominal voltage (Un): 250 Vac, 50/60Hz
- Nominal current (In): max 16A, 16AX (140μF)

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Datasheet



Application  
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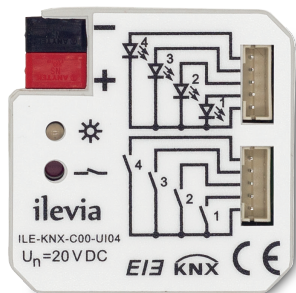


Application  
software for ETS

CODE: **ILE-KNX-B00-SA12.16**

PRICE: **€ 454,50**

### KNX Universal Interface (4 Input / 4 Output)



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#### Description

The Ilevia universal interface is a KNX device which can be used as input and/or output module. Depending on the version, the device is equipped with:

- inputs to connect the KNX bus to switches, pushbuttons or any binary signals from other devices, in order to control KNX bus functions;
- control outputs for low consumption LEDs.

The voltage for polling the inputs is supplied within the device. The device integrates a KNX bus communication module and is realized for flush-mounting or for mounting on a standard 35 mm DIN-rail. The device is powered by the KNX bus and does not require auxiliary power supply.

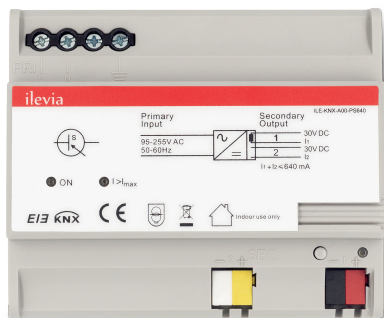
#### Technical data

- 30 Vdc power supply by KNX bus
- Current consumption from bus < 10 mA
- Max distance from the device  $\leq 10$  m (shielded cable)

CODE: **ILE-KNX-C00-UI04**

PRICE: **€ 80,65**

## KNX Power Supply 640 mA - with 30 Vdc auxiliary output



### Description

The Ilevia power supply supplies and monitors the 30 Vdc voltage required by the KNX bus for operation. An integrated choke provides for decoupling power supply and bus line. On a bus line powered by a 640 mA power supply unit may be connected a maximum of 64 bus devices. Output is protected from overload and short-circuit. The ILE-KNX-A00-PS640 version is provided with an additional 30 Vdc output can be used as auxiliary power supply for other devices requiring SELV voltage. The total current provided by the two outputs (KNX bus line and auxiliary power supply) cannot exceed 640 mA. The device supports short network voltage interruptions (max. 200 ms).

### Technical data

- Input voltage: 95V - 255 Vac, 47/63 Hz
- Absorption 22 W
- Loss < 6 W
- Output voltage (KNX bus): 30 Vdc + 1/-2 Vdc SELV
- Output voltage (auxiliary output): 30 Vdc
- Nominal current (output total): 640 mA
- Buffer time: 200 ms

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software for ETS

CODE: **ILE-KNX-A00-PS640**

PRICE: **€ 241,65**

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