elausys

Electronic & Automation Systems

KNX MANUFACTURER

Made in Belgium

ELECTRONIC & AUTOMATION SYSTEMS

Universal KNX Actuator System

Switching | Shutter/Blind | Heating | Dimming | 0-10V | LEDs

Products

elausys
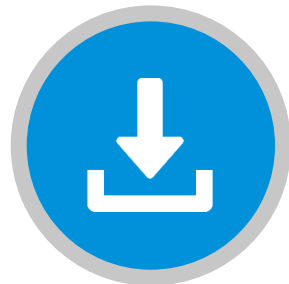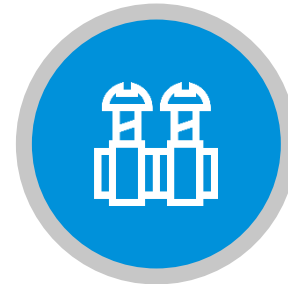Electronic & Automation Systems

Universal KNX Actuator System

Modular & Extensible

Rich Features

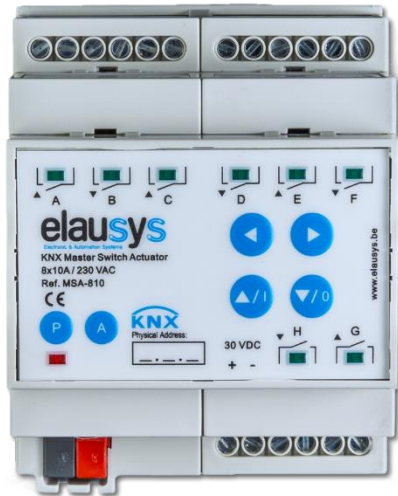**Fast connections**

Easy startup

1 download

Training & Support

A fully modular actuator system where extension modules can be plugged-in to extend the number of output channels as needed.

Up to 72 channels can be used for any function including switching, shutter/blind control, dimming, heating valves, LEDs control or analog control with various size and power.
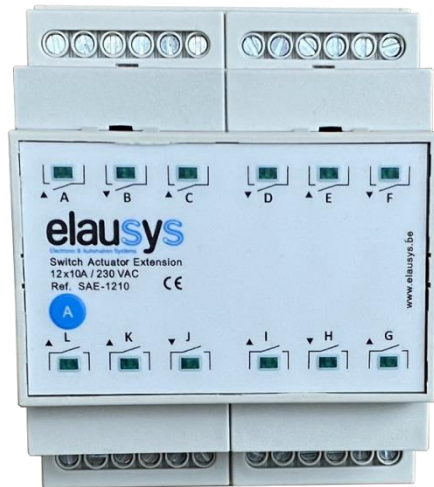
Products

Master Switch Actuator 8x10A

Master switching actuator 8 channels 10A / 230VAC of the universal actuator system.

- Allows to configure switching, shutter or blind function on any of the 8 channels

- Built-in **advanced logic functions** including weekly calendar, math, sequences and triggers.

- Manual operation with pushbuttons

- Easily plug-in extensions using the side connector

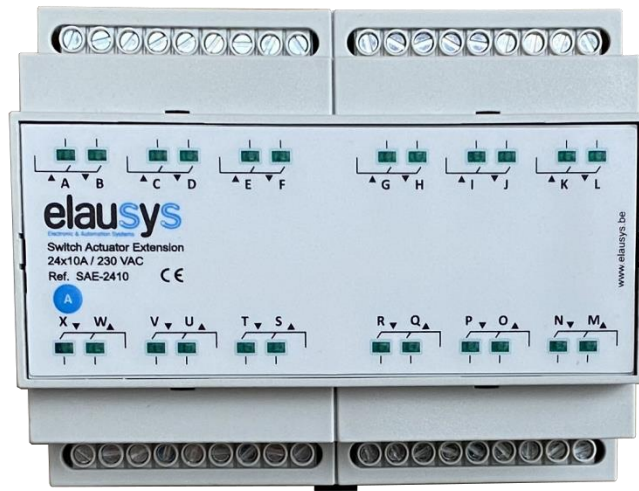- Optional bridging bars for easier connections

Products

Switch Extension 12x10A

Switching extension 12 channels 10A / 230VAC for the universal actuator system.

- Allows to configure switching, shutter or blind function on any of the 12 channels

- Manual operation with the master pushbuttons

- Easy plug-in extension using the side connector

- Optional bridging bars for easier connections

Switch Extension 24x10A

Switching extension 24 channels 10A / 230VAC for the universal actuator system.

- Allows to configure switching, shutter or blind function on any of the 24 channels

- Manual operation with the master pushbuttons

- Easy plug-in extension using the side connector

- Optional bridging bars for easier connections

- Max. output power 500W per channel

- No high/low voltage mix (230V or 24V for all outputs)
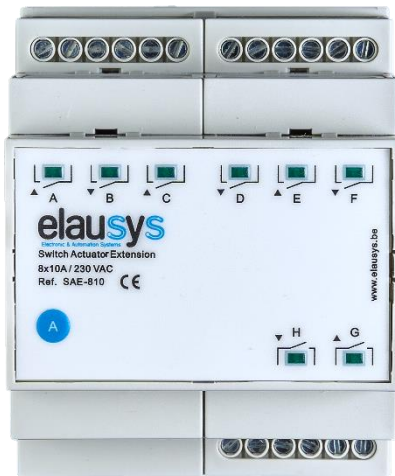
Products

Switch Extension 8x10A

Switching extension 8 channels 10A / 230VAC for the universal actuator system.

- Allows to configure switching, shutter or blind function on any of the 8 channels

- Manual operation with the master pushbuttons

- Easy plug-in extension using the side connector

- Optional bridging bars for easier connections
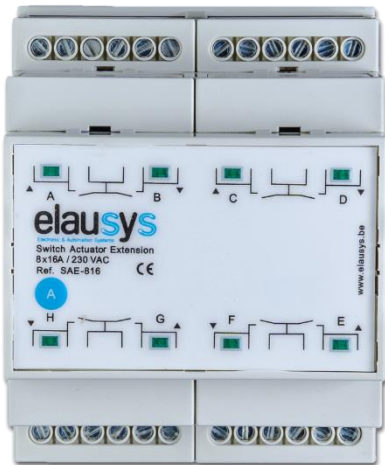
Products

Switch Extension 8x16A

Switching extension 8 channels 16A / 230VAC for the universal actuator system.

- Allows to configure switching, shutter or blind function on any of the 8 channels

- Low power consumption using bi-stable relays

- Dual terminals on each channels for easier connections

- Manual operation with the master pushbuttons

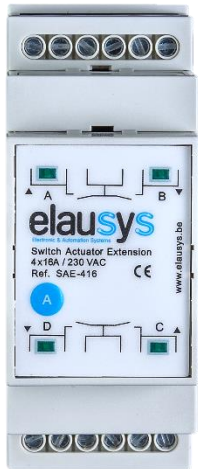- Easy plug-in extension using the side connector

Products

Switch Extension 4x16A

Switching extension 4 channels 16A / 230VAC for the universal actuator system.

- Allows to configure switching, shutter or blind function on any of the 4 channels

- Low power consumption using bi-stable relays

- Dual terminals on each channels for easier connections

- Manual operation with the master pushbuttons

- Easy plug-in extension using the side connector

Products

Switch Extension 4x10A

Switching extension 4 channels 10A / 230VAC for the universal actuator system.

- Allows to configure switching, shutter or blind function on any of the 4 channels

- Dual terminals on each channels for easier connections

- Manual operation with the master pushbuttons

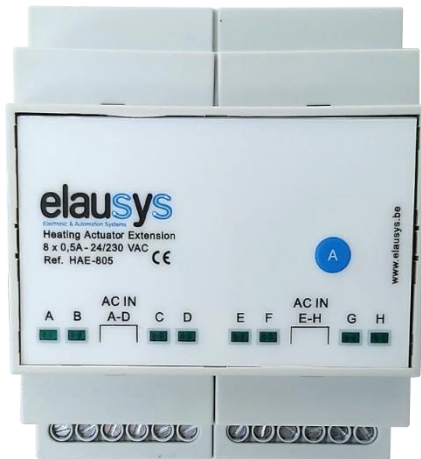- Easy plug-in extension using the side connector

Products

Digital Outputs Extension

Digital outputs extension 8 channels 0,25A / 12-30VDC for the universal actuator system.

- Allows to configure switching, shutter or blind function on any of the 8 channels

- Integrated **temperature controller**

- Suited to drive external relays, valves or power contactors for higher loads

- External power supply is isolated from the actuator system

- Manual operation with the master pushbuttons

- Easy plug-in extension using the side connector

Heating Extension 8x0,5A

Heating extension 8 channels 0,5A - 24/230VAC for the universal actuator system.

- Allows to configure valve control function on any of the 8 channels

- Integrated **temperature controller**

- Short circuit and overload protection

- Main voltage failure detection

- Galvanic insulation with the actuator system

- Manual operation with the master pushbuttons

- Easy plug-in extension using the side connector

Products

Analog outputs Extension

Analog outputs extension 4 channels 0-10V for the universal actuator system.

- Allows to configure analog output, dimming, RGB or RGBW LED function on any of the 4 channels

- Integrated **temperature controller**

- Selectable dimming curve

- Galvanic insulation with the actuator system

- Manual operation with the master pushbuttons

- Easy plug-in extension using the side connector

LED Driver Extension

LED driver extension 8 channels 2A / 12-30VDC for the universal actuator system.

- Allows to configure dimming, Tunable White, RGB or RGBW LED function on any of the 8 channels

- Selectable dimming curve

- Galvanic insulation with the actuator system

- Manual operation with the master pushbuttons
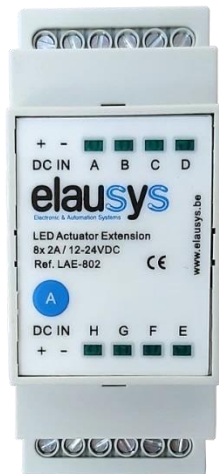
- Easy plug-in extension using the side connector

Products

Dimming Extension 2x250W

Dimming extension 2 channels 250W - 230VAC for the universal actuator system.

- Trailing edge or leading edge selection

- Selectable dimming curve

- Short circuit and overload protection

- Main voltage failure detection

- Galvanic insulation with the actuator system

- Manual operation with the master pushbuttons
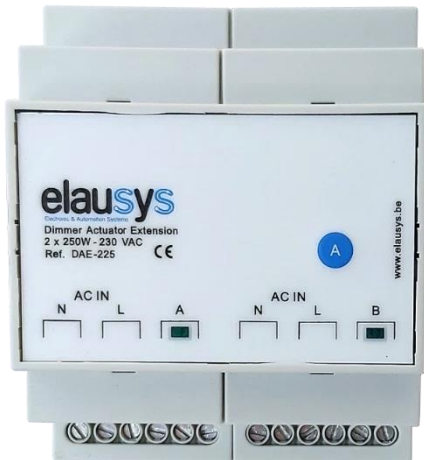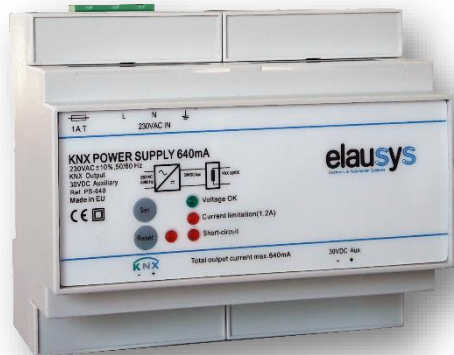
- Easy plug-in extension using the side connector

KNX Power Supply 640 mA

- KNX Power Supply **640mA**
- Integrated KNX choke
- 230VAC, 50/60Hz input, protected by 1A T replaceable fuse
- KNX line output
- **Auxiliary 30VDC output**
- Total output current limitation approx. 1.2A
- Output overvoltage protection
- Reset circuit, Set / Reset button on front panel
- LED indicators for *voltage OK, Current limitation, Short-Circuit, Reset*
- 3-Stage KNX overvoltage protection

The 640mA KNX power supply is arobust and cost effective power supply. It has an integrated choke, an extra 30VDC output, and protections fo r reliable long term operation.
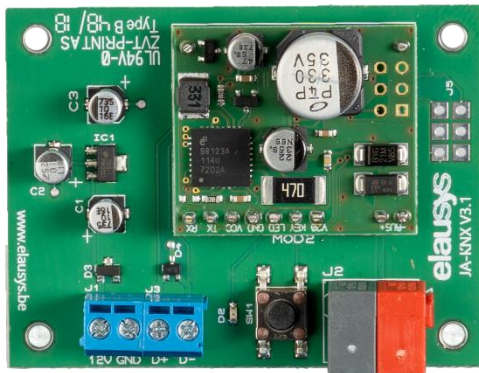
Products

KNX gateway for Solar Inverters

- KNX Interface for **Huawei, SolarEdge, Fronius, SMA inverters**
- Monitoring of **Energy, Power, current, voltage**, frequency, temperature,…
- Connected to the inverter over **Ethernet**
- **Galvanic insulation** from the KNX bus
- Configurable refresh rate of inverter data
- DIN rail mounted
- Auxiliary power supply 12-30VDC

The KNX gateway for inverters provides a simple solution to transfer all relevant data from inverters to KNX. It allows integrators to take advantage of a fully integrated solar panel inverter, the data can be used to optimize energy consumption, monitoring, trending or to trigger specific action in the KNX installation.

Products

JABLOTRON KNX Interface

- KNX Interface for Jablotron 100 alarm systems
- Up to **32 bidirectional input/output (PG)**
- Control of up to **4 areas** (arm/partial/disarm)
- 9 status per area (intrusion, entry, exit, fire,…)
- Recall of KNX **scenes** for each status
- Powered from the KNX bus
- Integrated 12VDC output power supply (for JA-121T)
- Built-in termination resistor for RS485
- Communication fault monitoring

A bidirectional KNX interface for the popular Jablotron alarm system.

It allows integrators to take advantage of a fully integrated alarm system including KNX scenarios, automatic lighting using the motion detectors, arming or monitoring the system using a KNX visualization.

Products

Paradox KNX Interface

- KNX Interface for Paradox EVO alarm systems
- Up to **30 PGM status**
- Up to **96 zones status**
- Control up to **16 virtual inputs**
- Control up to **4 areas** (arm/partial/disarm)
- 9 status per area (alarm, entry, exit, fire,…)
- Recall of KNX **scenes** for each status
- Galvanic insulation from the KNX bus

A bidirectional KNX interface for the popular Paradox alarm system.

It allows integrators to take advantage of a fully integrated alarm system including KNX scenarios, automatic lighting using the motion detectors, arming or monitoring the system using a KNX visualization.

Products

GE NetworX KNX Interface

- KNX Interface for GE Interlogix NetworX alarm systems
- Up to **96 zones status**
- Control up to **4 areas** (arm/partial/disarm)
- 9 status per area (alarm, entry, exit, fire,…)
- Recall of KNX **scenes** for each status
- Galvanic insulation from the KNX bus

A bidirectional KNX interface for the popular NetworX alarm system.

It allows integrators to take advantage of a fully integrated alarm system including KNX scenarios, automatic lighting using the motion detectors, arming or monitoring the system using a KNX visualization.

Products

Interlogix KNX Interface

- KNX Interface for Interlogix UltraSync alarm systems
- Up to **96 zones status**
- Control up to **4 areas** (arm/partial/disarm)
- 9 status per area (alarm, entry, exit, fire,…)
- Recall of KNX **scenes** for each status
- Galvanic insulation from the KNX bus

A bidirectional KNX interface for the popular NetworX alarm system.

It allows integrators to take advantage of a fully integrated alarm system including KNX scenarios, automatic lighting using the motion detectors, arming or monitoring the system using a KNX visualization.

Products

ANB TRICOM KNX Interface

- KNX Interface for AnB Rimex TRICOM alarm systems
- **Up to 96 configurable status** in real time
- Built-in termination resistor for RS485
- Communication fault monitoring
- Galvanic insulation from the KNX bus
- Optional DIN-rail housing

A KNX interface for the ANB Rimex TRICOM alarm system.

It allows integrators to take advantage of a fully integrated alarm system including automatic lighting using the motion detectors or monitoring the system using a KNX visualization.

ABOUT US

We design and manufacture innovative products for home and building automation based on the worldwide standard KNX.

ELAUSYS is a certified KNX manufacturer of the KNX Association

- Innovative product range
- Made in Belgium
- ISO9001 assembly
- Customized and OEM product development
- Engineering services

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