

Care, faults & disposal

Care and servicing

Isolate supplies before cleaning. Use a soft, dry cloth. Do not use liquids or solvents.

Do not modify or repair the supply. Only documented fuse replacement by a qualified installer is permitted. Contact Elausys for other servicing.

If damaged, wet, unusually hot or emitting an unusual smell, stop use. Have a qualified installer isolate it safely.

Fault assistance

Check wiring and load demand. Give support the PS-640 reference, device identification, symptoms and indicator status.

Electrical waste

Do not put this device in household waste. The crossed-out wheeled bin indicates separate collection of electrical equipment.

Use an authorised electrical-waste collection point or ask your supplier about returns. Separate collection supports recycling and protects the environment.

Sort packaging according to local collection rules.

Manufacturer & documentation

Manufacturer

Elausys SRL

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4218 Couthuin
Belgium

Support:

info@elausys.be
elausys.com

EU conformity documentation

For the EU Declaration of Conformity for PS-640, contact Elausys at the email address above. Quote the product reference and the identification shown on the device.

Manuals and downloads

Obtain PS-640 product documentation and installation or servicing assistance through the Elausys Support Center.

elausys.com/en/support



Scan for product documentation.



Design. Integrate. Visualise.

PS-640

Safety & regulatory information

ENGLISH

Read before installation

Read this notice and the PS-640 product documentation before installation. Keep them and pass them to the end user.

Intended use

PS-640 supplies a KNX line at 29 VDC through an integrated choke and compatible equipment from a separate 30 VDC auxiliary output.

Maximum KNX current: 640 mA.

Maximum combined current across both outputs: 1.2 A.

Use the auxiliary output only for equipment rated for 30 VDC. It is not a second choked KNX bus output.

Electrical safety

WARNING - 230 VAC mains voltage.
Electric shock can cause serious injury or death.

Installation, wiring and fuse replacement require a qualified electrical installer. Follow applicable national rules.

Before wiring, removal or fuse replacement, isolate all relevant supplies, prevent reconnection and verify absence of voltage. The bus-reset control does not isolate the mains.

Connect mains only to the marked input. Follow device markings and the wiring documentation. Never connect mains to KNX or auxiliary output terminals.

Separate mains wiring from low-voltage wiring. Prevent loose strands and contact with live parts.

Installation environment

Mount on a 35 mm DIN rail in a dry indoor enclosure that prevents access to live parts. Keep ventilation clear. Protect from moisture, condensation, dust and excess heat.

IP20. Ambient temperature: -5 to +45 °C. Do not energise a damaged device.

Connections & limits

Essential technical data

Input: 230 VAC, 50/60 Hz
KNX output: 29 VDC, 640 mA maximum
Auxiliary output: 30 VDC
Combined output limit: 1.2 A
Housing: 6 SU, 106 × 110 × 60 mm

Connection requirements

Use the marked KNX output for the bus. Connect compatible auxiliary loads to the 30 VDC output. Observe the marked polarity on both outputs.

Pluggable screw terminals:
Mains: wire up to 2.5 mm², maximum torque 0.5 Nm.

Low voltage: wire up to 1.5 mm², maximum torque 0.25 Nm.

Before power-up

Check supply voltage, terminal assignment, polarity, secure mounting and wiring. Ensure no exposed conductor can contact adjacent terminals.

Add the actual current requirements of connected devices. Keep KNX within 640 mA and both outputs together within 1.2 A. Check separate load-supply requirements of actuator extensions.

Commissioning & operation

Verify operation

Check wiring and close the enclosure before energising. Check voltage status and normal operation of the KNX line and auxiliary equipment.

Indicators show voltage status, current limiting, short circuit and reset. For current limiting or a short circuit, isolate power and correct the fault before restarting.

Bus reset

Use Set/Reset according to the product instructions. Reset interrupts KNX operation. Put controlled equipment in a safe state first and verify operation afterwards.

Fuse replacement

Isolate mains and verify absence of voltage first. Use only the specified replacement: **1 A time-lag T, 250 VAC, 8.5 mm subminiature fuse, IEC 60127-3.**

Never bridge the fuse or fit a higher rating. Find the cause of a blown fuse before restoring power.

If the fuse blows again or the fault persists, stop use and contact Elausys.