

Care, faults & disposal

Care and servicing

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

Do not open, modify or repair the module. Contact Elausys for servicing.

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

Fault assistance

Check supply, wiring, load and configuration against the manuals. If the fault remains, give support the product reference and fault symptoms.

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 health and the environment.

Sort packaging according to local collection rules.

Manufacturer & documentation

Manufacturer

Elausys SRL

Rue de la petite ferme 5C
4218 Couthuin
Belgium

Support:

info@elausys.be
elausys.com

EU conformity documentation

For the EU Declaration of Conformity for DAE-225, contact Elausys at the email address above. Quote the product reference and identification on the device.

Manuals and downloads

Access the product datasheet, MSA-810 user manual and configuration resources through the Elausys Support Center.

elausys.com/en/support



Scan for product documentation.



Design. Integrate. Visualise.

DAE-225

Safety & regulatory information

ENGLISH

Read before installation

Read this notice, the product datasheet and MSA-810 user manual. Keep them and pass them to the end user.

Intended use

Two-channel phase dimmer for compatible 230 VAC lighting, with leading/trailing-edge selection and documented parallel operation.

Requires an MSA-810 master. Use in a fixed indoor electrical enclosure, within the stated limits.

Use phase-dimmable lamps or drivers. Do not parallel outputs except in the documented, configured parallel mode.

Electrical safety

DANGER - Electric shock. Hazardous voltage may be present on connected circuits.

Installation and wiring must be performed by a qualified electrical installer under applicable national rules.

Before work, isolate all relevant supplies, including the master and external loads. Prevent reconnection and verify absence of voltage. Protect against adjacent live parts.

Outputs and lamp wiring carry mains voltage. A dimmed or off output is not electrical isolation. Protect lighting circuits against overload and short circuit.

Keep mains wiring separated from control wiring. Do not connect mains to the side connector. Never plug or unplug an extension while powered.

Installation environment

Mount on a 35 mm DIN rail in a dry indoor enclosure. Ambient: 0 to +45 °C. Protect from moisture, condensation and heat. Do not energise a damaged device.

Connections & limits

Essential technical data

Outputs: 2, 230 VAC

Halogen/incandescent: up to 250 W/channel

Universal/wound transformer: up to 200 W/channel

LED minimum: 2 W, compatible loads only

Parallel mode: up to 500 W, load dependent

Housing: 4 SU, IP20

Control power: from MSA-810

Terminals: up to 2.5 mm², 0.5 Nm

Wiring

Connect phase and neutral for each channel. Connect the load between output and neutral. For parallel operation, follow the exact manufacturer wiring and load table.

Maximum load depends on lamp type and mode. The 2 W LED minimum does not guarantee compatibility. Never link different supply phases through parallel outputs.

Before power-up

Check lamp/driver compatibility, selected dimming mode, load rating and wiring before power-up.

Commissioning & safe use

System configuration

Mount beside the master or preceding extension on the same DIN rail. Connect the side connector. Respect the eight-slot system limit and the module mix.

Select Dimming Actuator 2-fold. Set leading/trailing-edge mode, minimum/maximum dimming levels and any parallel configuration before energising the load.

Verify operation

Test dimming across the required range, including starting at low brightness. If flickering, overheating or abnormal noise occurs, isolate and check compatibility. Verify bus/power-loss behaviour.

Do not rely on this actuator as the sole control for life-safety functions. Retain the connected equipment's independent protective functions.

Access protection

Restrict access to the cabinet and KNX configuration. Protect ETS/ElauPro projects. Use the ElauPro-generated application with ETS5 or ETS6. Recheck operation after configuration changes.