

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 HAE-805, 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.

HAE-805

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

Eight-channel extension for 24-230 VAC electrothermic heating/cooling valve actuators, with on/off, PWM and temperature-control modes.

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

Use one common AC supply voltage per extension. Do not mix 24 V and 230 V valve actuators on this module.

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 valve wiring may carry mains voltage. Use a suitable transformer for 24 VAC valves. Protect supply circuits against overload and short circuit. An off command does not isolate the 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: 8 valve channels

Valve supply: external 24-230 VAC

Load: 0.5 A max. per channel

Valve count/output: up to 4 at 230 V or 3 at 24 V

Housing: 4 SU, IP20

Control power: from MSA-810

Terminals: up to 2.5 mm², 0.5 Nm

Wiring

Connect AC IN for both channel groups A-D and E-H to the selected supply.

Connect valves between outputs and neutral. Use the product wiring diagram.

Check valve operating and starting current as well as the maximum valve count. A load on A and E is required for 230 VAC mains-failure detection.

Before power-up

Check supply voltage, valve type, wiring and circuit protection. Never apply DC or an unsuitable voltage to the AC valve circuits.

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 the heating extension. Set normally open/closed direction, heating/cooling mode and PWM cycle to suit the valves. PI control requires a temperature value over KNX.

Verify operation

Check each valve, temperature reading and control demand. Test sensor/bus/power-loss behaviour. Keep independent heating-system temperature and pressure protection in service.

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.