SAE-2410

KNX switch extension 24 × 10 A

Add 24 relay outputs to the MSA-810 master actuator. Switch 230 VAC circuits or pair outputs for blind and shutter control, with all channels configured in the master's ETS application.

SAE-2410

Control and integration

24 relay outputs

Potential-free contacts rated at 10 A per channel for resistive loads. Check inrush and motor limits.

Up to 12 blinds or shutters

Pair consecutive channels for up/down control. Paired outputs cannot also switch separate loads.

Timing and scenes

Configure delays, minimum on/off times, staircase functions, scenes and blocking.

Operating-hour monitoring

Use channel hour counters to monitor operation and plan maintenance.

One KNX address

The MSA-810 master handles KNX communication. The extension shares its address and application.

ETS5 / ETS6 configuration

Generate the system application in ElauPro, then configure channels and group addresses in ETS.

Modular actuator system

Requires an MSA-810 master actuator. Mount on the same 35 mm DIN rail, to the right of the master or another extension, and connect using the supplied side connector.

Up to eight extension slots per master.
Capacity depends on the selected module mix.

Power and connections

Each output has separate phase-input and switched-output terminals. For a blind motor, use two consecutive channels for up/down.

Technical specifications

Control supply	From MSA-810	**Outputs**	24 relays, 230 VAC
Load rating	10 A/channel, resistive	**Total current**	32 A max. per assembly
Housing	9 SU, IP20	**Mounting**	35 mm DIN rail
Temperature	0 to +45 °C	**Relay life**	10 million mechanical cycles
Terminals	Up to 2.5 mm²	**Torque**	0.5 Nm

Application notes

Maximum 40 combined 10 A channels across MSA-810, SAE-810 and SAE-2410 per master.

Uses three of eight extension slots. One master, one SAE-2410 and one SAE-810 reach 40 channels.