

Control module for maximum two damper actuators CM24K... in technical building installations

- Air damper size up to approx. 0.4 m<sup>2</sup>
- Nominal voltage AC 230 V
- Control Open/close
- Power off reserve function


**Technical data**

<b>Electrical data</b>	Nominal voltage	AC 230 V
	Nominal voltage frequency	50/60 Hz
	Nominal voltage range	AC 198...264 V
	Power consumption in operation	16 W
	Power consumption in rest position	1.5 W
	Power consumption in rest position note	0 W when power off / position closed
	Power consumption for wire sizing	24 VA
	Connection supply / control	Terminals 2.5 mm <sup>2</sup> 1.5 mm <sup>2</sup> Cu wire or 1.0 mm <sup>2</sup> Cu strands (cable Ø4...10 mm, 2-wire)
	Actuator - module connection	Cu wire: min 0.5 mm <sup>2</sup> , max 1.5 mm <sup>2</sup> Cu strand: min. 0.5 mm <sup>2</sup> , max. 1.0 mm <sup>2</sup> Length max. 200 m
	Storage energy	66 Ws
<b>Safety</b>	Protection class IEC/EN	II reinforced insulation
	Degree of protection IEC/EN	IP40
	EMC	CE according to 2014/30/EU
	Low voltage directive	CE according to 2014/35/EU
	Certification IEC/EN	IEC/EN 60730-1
	Mode of operation	Type 1
	Rated impulse voltage supply / control	4 kV
	Control pollution degree	2
	Ambient temperature	-30...50 °C
	Storage temperature	-40...80 °C
Ambient humidity	Max. 95% r.H., non-condensing	
Servicing	maintenance-free	
<b>Weight</b>	Weight	0.43 kg

**Safety notes**


- The device must not be used outside the specified field of application, especially not in aircraft or in any other airborne means of transport.
- Caution: Power supply voltage!
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied during installation.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.
- The device contains electrical and electronic components and must not be disposed of as household refuse. All locally valid regulations and requirements must be observed.

**Product features**

**Mode of operation** The Power off reserve function characterises the behaviour of the controlled module and/or the connected damper actuators in the event of a power failure or a power shutdown. It is guaranteed in such cases that the actuators will move into closed position, no matter which position they happen to be presently located at, at all times and without manipulation. The storage energy loaded in the module during the opening function ensures this.

**Application** The module SKM230-T-B12 can only be used with the appropriate air damper actuators CM24K.. and works within the application with one or two actuators. The compact design of the module makes it possible to install in hollow ceiling spaces or raised floors - if needed up to 200 m away from the application.

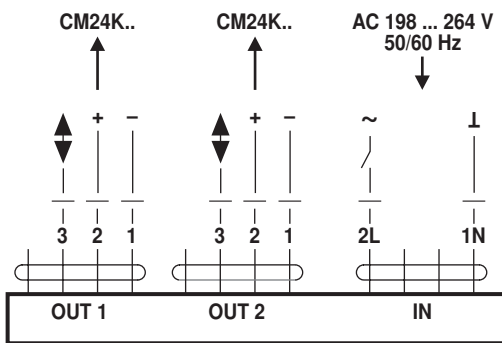
**Electrical installation**



**Notes**

- Caution: Power supply voltage!
- The module can also be operated with only one damper actuator.

**Wiring diagrams**



**Dimensions [mm]**

**Dimensional drawings**

