

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

- Nominal voltage AC 230 V
- Control Open/close
- incl. fail-safe



Technical data

Electrical data	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 ² 1.5 mm ² Cu wire or 1.0 mm ² Cu strands (cable ø4...10 mm, 2-wire)
	Actuator - module connection	Cu wire: min 0.5 mm ² , max 1.5 mm ² Cu strand: min. 0.5 mm ² , max. 1.0 mm ² Length max. 200 m
	Storage energy	66 Ws
Safety data	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
	Hygiene test	According to VDI 6022 Part 1 / SWKI VA 104-01, cleanable and disinfected, low emission
	Type of action	Type 1
	Rated impulse voltage supply / control	4 kV
	Pollution degree	2
	Ambient humidity	Max. 95% RH, non-condensing
	Ambient temperature	-30...50°C [-22...122°F]
	Storage temperature	-40...80°C [-40...176°F]
	Servicing	maintenance-free
Weight	Weight	0.43 kg

Safety notes



- This device has been designed for use in stationary heating, ventilation and air-conditioning systems and must not be used outside the specified field of application, especially 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 with 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 fail-safe 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.

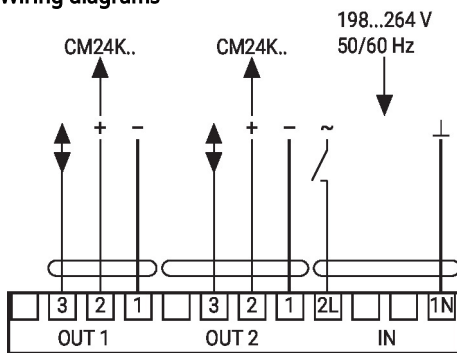
Electrical installation



Caution: Power supply voltage!

The module can also be operated with only one damper actuator.

Wiring diagrams



Dimensions

