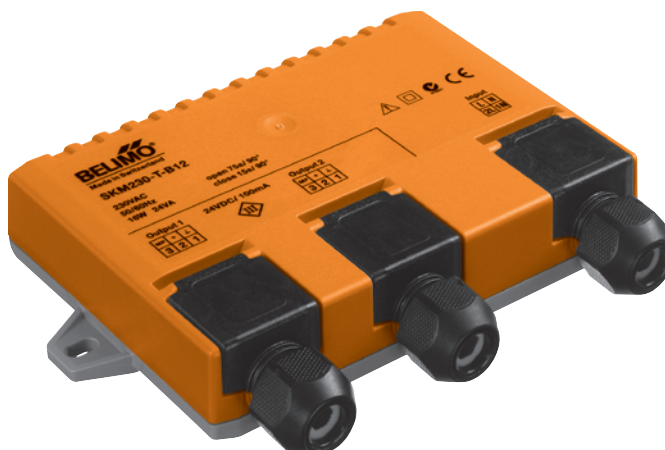


Module for the control of a maximum of two damper actuators CM24K... in ventilation and air conditioning systems in buildings

- Air damper sizes up to approx. 0.4 m²
- Torque 4 Nm each
- Nominal voltage: AC 230 V
- Open-close control
- Power off reserve function



Technical data

| | | | |
|----------------------------|---------------------------------------|-----------------------------|--|
| Electrical data | Nominal voltage | AC 230 V 50/60 Hz | |
| | Nominal voltage range | AC 198 ... 264 V | |
| | Power consumption | In operation | 16 W (open, load function) |
| | | At rest | 1.5 W (power on / position open) 0 (power off / position closed) |
| | | For wire sizing | 24 VA |
| | Storage energy | 66 Ws | |
| | Connection primary | | Terminal for 2 x 1.5 mm ² Cu wire or 2 x 0.75 mm ² Cu strands |
| | | secondary | Terminal for 3 x 1.5 mm ² Cu wire or 3 x 0.75 mm ² Cu strands |
| | Module – Actuator CM24K... connection | | Cu wire: Ø min. 2 mm ² , max. 2 mm ² Cu strand: Ø min. 0.5 mm ² , max. 0.75 mm ² Length max. 200 m |
| | Safety | Protection class | II Totally insulated <input type="checkbox"/> |
| Degree of protection | | IP40 | |
| EMC | | CE according to 2004/108/EC | |
| Low-voltage directive | | CE according to 2006/95/EC | |
| Certification | | Certified to IEC/EN 60730-1 | |
| Mode of operation | | Type 1 | |
| Rated impulse voltage | | 4 kV | |
| Control pollution degree | | 2 | |
| Ambient temperature | | -30 ... +50 °C | |
| Non-operating temperature | | -40 ... +80 °C | |
| Ambient humidity | 95% r.H., non-condensating | | |
| Maintenance | Maintenance-free | | |
| Dimensions / Weight | Dimensions | See «Dimensions» on page 2 | |
| | Weight | Approx. 270 g | |

Safety notes



- The module is not allowed to be used outside the specified field of application, especially not in aircraft or in any other airborne means of transport.
- **Caution: Power supply voltage!**
- It may only be installed by suitably trained personnel. Any legal regulations or regulations issued by authorities must be observed during assembly.
- 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 is not allowed to be disposed of as household refuse. All locally valid regulations and requirements must be observed.

Product features

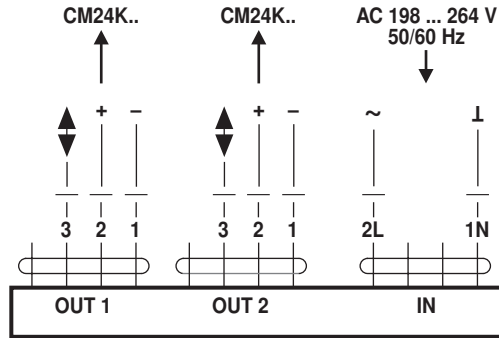
- Damper actuator and module CM24K..** The Module SKM230-T-B12 can only be utilised with the damper actuators CM24K.. that are provided for it and functions in the application with one or also with two actuators.
- Mode of operation** The Power off reserve function characterises the behaviour of the controlled module and/or the connected damper actuators in the event of an electricity interruption or a power shutdown. It is guaranteed in such cases that the actuators will move into position, no matter which position they happen to be presently located at, at any time and without manipulation. The stored energy loaded in the module during the Opening function ensures this.
- Flexible installation** The low installation height makes possible flexible installation away from the application in hollow ceiling spaces or raised floors. If needed, up to 200 m away from the application.

Electrical installation

Wiring diagram

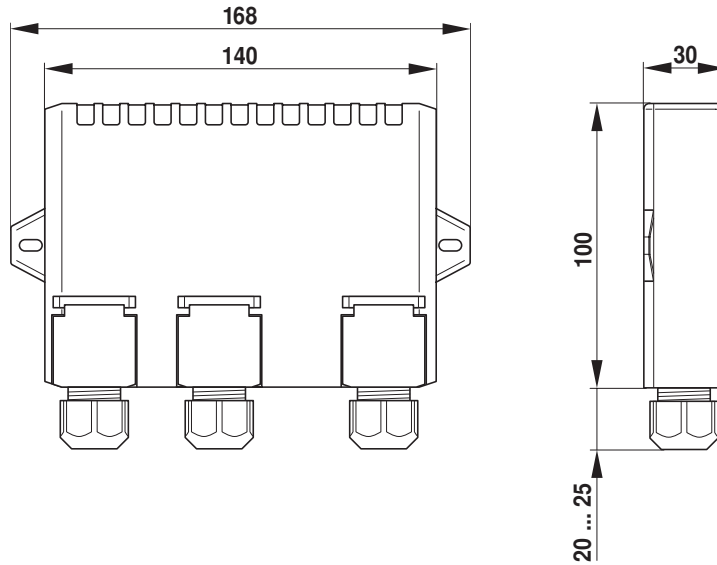
Note

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



Dimensions [mm]

Dimensional drawings



70797-00001.A

