

# CM actuators with supercap module. For extreme conditions.



> We set standards.  
[www.belimo.eu](http://www.belimo.eu)



## Closing function guaranteed – regardless.

Air conditioning equipment in particularly exposed locations is often subject to extreme ambient conditions. Yet indoor comfort must not be impaired no matter how uninviting the weather. With the new supercap module, the outdoor dampers are guaranteed to close – even if a power failure occurs.

### **Integrated energy storage**

Low outside temperatures, strong winds and inclement weather represent a daunting challenge for any air conditioning system. The situation becomes especially critical in case of a power failure. The new supercap module for CM compact actuators therefore has an integrated energy storage function. This function is instantly activated if the mains supply is interrupted, generating sufficient power to run two CM actuators to the closing point. The supply air dampers are closed, so that no unpleasant draughts are felt inside the room and no damage is caused to the equipment's heating and cooling elements.

### **Innovative miniature format**

More compact and flatter than any competitor product, the CM actuator is ideal for installation in decentralised air conditioning systems or small supply air dampers. The supercap module is mounted outside the units in false floors, ceiling voids or cable ducts. It supplies two CM compact actuators with the power they need for normal operation and emergency closing. And since it is fed from the 230V system, the supercap module can be integrated into the controlled power supply anywhere in the building.

# CM actuator with supercap module. Power for guaranteed emergency closing.





Decentralised air conditioning unit



Mobile radio aerial installation



Alpine hotel

Product range / technical data		
Function / nominal voltage	SKM230-T-B12	CM24K..
Torque	–	2 Nm
Power supply	230 Vac	24 V DC
Electrical capacitance of the module	12 F (for 1 or 2 CM24K..)	–
Electrical connection	Terminals	Terminals
Actuator control	–	Open/close
Direction of rotation ..-L / ..-R	–	..-L (counter-clockwise) ↺ ..-R (clockwise) ↻
Angle of rotation	–	0...95°
Running time to open	–	75 s / 95°
Running time to close (emergency function)	–	15 s / 95°
Clamp	–	6 - 12.7 mm
Positive fit	–	6 x 6 / 8 x 8 / 10 x 10 mm
Gear disengagement	–	Magnetic
Anti-rotation strap	–	•
Housing colour orange	Cover yes/base grey	•
Housing colour grey	Cover yes/base yes	•
Customer versions	•	•
Dimensions L/W/H	169/123/30 mm	158/56/20 mm (positive fit) 158/56/28 mm (clamp) with anti-rotation strap: H + 5 mm

Belimo worldwide: [www.belimo.com](http://www.belimo.com)



5-year warranty



On site around the globe



Complete product range



Tested quality



Short delivery times



Comprehensive support

**BELIMO Automation AG**, Brunnenbachstrasse 1, CH-8340 Hinwil  
Tel. +41 (0)43 843 61 11, Fax +41 (0)43 843 62 68, [info@belimo.ch](mailto:info@belimo.ch)

**BELIMO**<sup>®</sup>