VELUX electric window operator KMG 100K

3 Year Guarantee

Motorise your manually top-operated VELUX sloped roof window with the mains-powered window operator KMG. The window operator comes with a wireless wall switch and features an integrated rain sensor that automatically closes the window in the event of rain. Ideal for renovation projects where the solution can be integrated into the building. Requires power supply unit KUX 110.

- Enjoy easy wireless control of your window at any time with the mains-powered window operator.
- Rain sensor automatically closes the window in the event of rain.
- Freely choose between manual or motorised operation of the window.
- Entrapment control detects objects in the path of the window.
- Easily control your roof window with the wireless wall switch that offers simple open/close/stop functionality.
- Compatible with VELUX ACTIVE with NETATMO for a better indoor climate with sensor-based ventilation. Remote controlled via smartphone or voice.
- The motor is hidden in the top cover and totally invisible from view.

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Technical information

VELUX electric window operator KMG 100K	**Material and colour**	Window operator: PBT with glass-fibre, black (NCS S 9000-N), and stainless steel chain. Rain sensor: Gold-coated sensor, grey (RAL 7022). Wall switch: ABS (plastic), white (NCS S 1000-N).
	Size and weight description	Product including packaging: 587 x 80 x 166 mm (W x H x D), 1.493 kg
	Installation and use	The window operator is fitted concealed behind the ventilation flap of the roof window and functions at temperatures between -10°C and +60°C.
	Window opening	Max 200 mm within 35 seconds
	Power consumption	1.6 A, 24 V d.c.
	Compatibility	KMG 100K is designed for manually operated roof windows GGL and GGU. However, it cannot be installed in small windows with size codes below height -K-4 as the window operator chain will be too long. KMG 100K is not compatible with super sound insulation roof window GGL --62 and GGU --62, and security roof window GGL ----Q and GGU -----Q. KMG 100K is based on radio frequency (RF) technology, 868 MHz range, and is compatible with other products with the io-homecontrol® logo. Radio frequency range: 200 m free field. Depending on building construction, the indoor range is approximately 20 m. Connection to non-compatible products may cause damage or malfunction. In V21 roof windows, window operator KMG 100 must be used.
	Connection	To be connected to VELUX electric control system KUX 110. Please observe the following minimum wiring dimensions: Length up to 20 m = 2 x 0.75 mm^2 40 m = 2 x 1.5 mm^2 50 m = 2 x 2.50 mm^2 Most VELUX roof window have been prepaired for wiring, which makes it easy to fit an electrical product when installing the window in the roof.
Pre-paired wall switch	**Materials**	ABS plastic, white (NCS S 1000-N)
	Size and weight description	8.2 cm x 8.2 cm x 1.7 cm, 0.125 kg.
	Installation and use	The wall switch is for indoor use only, between a minimum ambient temperature 5 °C and a maximum ambient temperature 45 °C. It can be used in a dry or humid environment (such as a living room or a bathroom). Radio frequency range: 300 m range open field. Depending on the building construction, the indoor range is approximately 30 m.
	Power consumption	2 x alkaline AAA (1.5V) batteries Expected battery lifetime: Up to 1 year.
Integrated rain sensor	**Materials**	Gold-coated sensor, Grey (RAL 7022)
	Size and weight description	N/A
	Power consumption	N/A
Window operator, electric	**Materials**	Motor casing of polybutulene terephthalate (PBT) with glass fibre, black (NCS S 9000-N). Stainless steel chain.
	Size and weight description	362 x 50 x 110 mm (W x H x D), 0.987 kg
	Power consumption	230/240 V a.c. – 50 Hz / 40 VA. Stand-by power consumption (including rain sensor): max 0.5 W. Additional stand-by power consumption for MML, SML or DML: 0.6 W. The operation of window and sunscreening product (3 cycles per day) will increase the energy consumption by approx 2 kWh/year.
	Motor capacity	Traction capacity: Min 225 N Pressure capacity: Min 150 N

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