

WMU 100

CHAIN ACTUATOR 150N



Application

- comfort ventilation
- for outward opening bottom, top or side hung windows, Velux roof windows and similar windows

Compact 24 VDC chain actuator, which can be used for most outward opening windows whether they are manufactured from timber, plastic or aluminium.

The actuator can be used for either bottom, top or side hung windows and pivot hung windows. The window actuator can also be used for VELUX roof windows GHL, GPL, GPU and VK.

A frame bracket WAB 100 (Z frame bracket) is available for windows with a frame width less than 32mm.

The window can be opened in variable positions up to max. 150mm.

The window actuator has a coupling bracket so that the chain can be disengaged and the window operated manually.

A childproof safety lock is enclosed to prevent the chain from being un-intentionally disengaged from the coupling brackets.

Housing and chain are protected against corrosion.

The chain can be disengaged to facilitate cleaning of the window.

Possible extension of the cable e.g. in connection with integration in frame profile must be ordered separately.

Specifications

- integrated electric overload fuse
- chain length up to 150mm
- zinc housing and steel chain are protected against corrosion
- chain bracket can be disengaged
- tested with 10,000 open/close movements

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Pressure force	min. 120N
Tractive force	min. 200N
Chain stroke	max. 150mm
Pressure load	max. 150N in the length direction of the chain
Power consumption	24 VDC (max. 25% ripple)
Open circuit voltage	max. 27 VDC
Voltage	16 VDC - 27 VDC
Current consumption	max. 0,85A
Consumption of energy	max. 20W
Operation conditions	-10°C - +60°C
Material	zinc housing protected against corrosion and zinc chromate passivated steel chain
Colour	white (RAL 9016), other RAL-colours at extra cost
Size	220 x 33 x 42mm (B x H x D)
Connection	8m 2-core 0.75mm ² connection cable with prefitted stick
Weight	1.8kg
Window types	Outward opening bottom-, top- or side-hung windows, pivot-hung windows, VELUX roof windows GHL, GPL, GPU, VK and other similar roof windows. The maximum weight of the sash of top-hung windows for sloping roofs is 30kg.
Window area	max. 2.0m ²
Window width	min. 300mm, max. 1400mm
Window height	min. 300mm, max. 1400mm
Fire test	tested according to DIN 18232-3, section 3.6 (30min./300°C)
Delivery includes	actuator with frame bracket, coupling bracket, 8m supply cable, fitting template, screws
Note	we reserve the right to make technical changes

Item	Item no.
Chain Acuator	WMU 100 0105

Brackets	Item no.
A frame bracket WAB 100 (Z frame bracket) is available for windows with a frame width with less than 32mm	WAB 100

For further information, see chapter "Brackets".

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