



WMU 982 Chain actuator 800N 230V AC



Natural
ventilation

230V

Rated voltage

2.48

Description

- designed for surface mounting
- for comfort ventilation
- to be used with tophung, bottomhung, pivot and turning windows
- connection to existing electric installations as the window actuator runs on 230 VAC installations
- soft close function
- built-in electronic load switch-off/end stop
- electronic actuator with micro controller
- easy mounting

Entrapment protection function

The actuators are programmed to reverse if they encounter obstacles when closing.

Weather seals protection function

Integrated reverse function after closing to release pressure and ensure a prolonged life span of the window gaskets and air-tightness

Technical specifications	
Pressure force	constant load: 800 N, snow load: 1000 N
Tractive force	500 N
Locking force	3000 N
Chain stroke	500 mm and 600 mm
Opening speed	4 mm/s
Closing speed	4 mm/s
Window types	top-hung, bottom-hung, side-hung, pivot and turning window – vent size should be confirmed with the window supplier and WindowMaster
Voltage	230 VAC ±10%, 50/60Hz, max. 50VA
Insulation / earthing	the actuator is a double insulated class II product which means it will not require earth connection
Current consumption	0,45 A
Operating conditions	-5°C - +70°C max. 85% relative humidity (not condensing)
Switch-on-duration	ED 20% (max. 3min. per 15min)
Material	aluminium housing with steel chain and 5 m grey cable - 3 core 0.75mm ²
Colour	anodized aluminium, RAL colours available at an additional price
Size (incl. screws)	500 mm stroke: 80 x 54 x 813 mm 600 mm stroke: 80 x 54 x 853 mm
Weight	500 mm - 6,01 kg; 600 mm - 6,27 kg
IP rating	IP32
Delivery includes	actuator with 5m cable
Note	We reserve the right to make technical changes.

Description of product code composition			
WMU 982	-1	xxxx	0104
			Produkt version: 4
			Chain stroke: 0500 = 500mm, 0600 = 600mm
			Actuator variant: 1=single
Explanation of product code structure			
WMU 982-1 0500 0104 WMU 982 actuator, single variant, chain stroke 500mm, product version 4.			

Items (see table 'Description of product code composition' for dermination of final item no.)					
Pressure force [N]	Chain stroke [mm]	Opening time [s]	Lenght [mm]	Weight [kg]	Item no.
800	500	130 s	813	6,01	WMU 982-1 0500 0104
	600	155 s	853	6.28	WMU 982-1 0600 0104

Accessories	Item no.
Actuator bracket for WMU 982, heavy bracket	WAB 836H
Chain bracket for WMU 982	WAB 836E
See separate product sheets for further information	

Installation suggestion 1 - Top-hung / bottom-hung / side-hung, outward opening window

Technical drawing for installation suggestion 1. On the left, three perspective views of a window frame are shown: top-hung, bottom-hung, and side-hung. The central part is a detailed cross-section of the window assembly. A label 'WAB 836H' points to the actuator bracket mounted on the window frame. A label 'WAB 836E' points to the chain bracket mounted on the window sash. To the right, two separate views of the components are shown: the top view of the chain bracket (WAB 836E) and the side view of the actuator bracket (WAB 836H).

Installation suggestion 2 - Top-hung / bottom-hung / side-hung, outward opening window

Technical drawing for installation suggestion 2. On the left, three perspective views of a window frame are shown: top-hung, bottom-hung, and side-hung. The central part is a detailed cross-section of the window assembly. A label 'WAB 836H' points to the actuator bracket mounted on the window frame. A label 'WAB 836E' points to the chain bracket mounted on the window sash. To the right, two separate views of the components are shown: the top view of the chain bracket (WAB 836E) and the side view of the actuator bracket (WAB 836H).



WMU 982

Chain actuator 800N 230V AC

Lenght (xxx) depending on the variant - see table of items

