



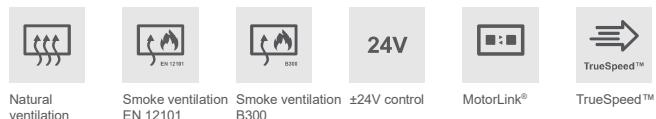
RAL 9005



WLL 121 - Extension cable

WMB 815 / WMB 816

Locking actuator



5.30

Description

- for comfort and smoke ventilation
- optimized design for concealed installation
- discreet and slim line design
- to be used together with $\pm 24V$ control units or control units with MotorLink®
- complete integrated system solution in combination with actuator WMX 813
- 3 speeds when using control unit with MotorLink®, TrueSpeed™ capable
- soft close
- built-in electronic load switch-off/end stop
- electronic actuator with micro controller
- cable connection available – no need for junction box
- easy mounting

Compact 24 VDC locking actuator, which automatically locks/opens the locking system on the window, in such a way that the CE approval of the window is maintained.

This unit can also be used should increased protection against weather or break in be desired.

Closing force of 2000N per locking actuator.

The locking actuator can be concealed mounted in

aluminium, timber or plastic window frames.

The locking system can be set in two positions:
locked/open.

Actuator variants

The locking actuator is available in single and double version, meaning up to two locking actuators can be mounted on the same window.

Both the single and the double version can be used with up to four window actuators on the same window.

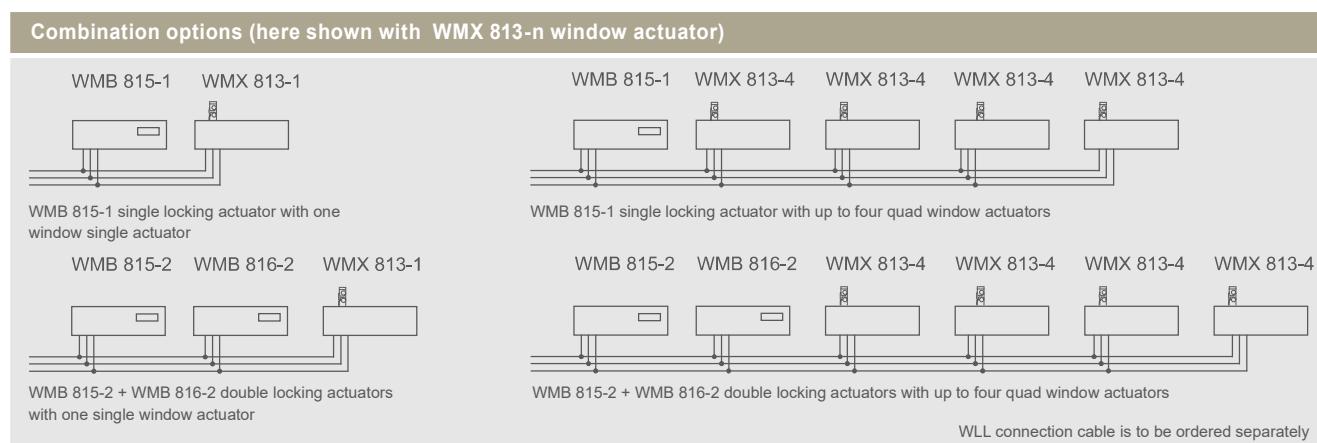
Single WMB (one WMB)

WMB 815-1 L: single, locking to the left
WMB 815-1 R: single, locking to the right

Double WMB (two WMB on the same window)

WMB 815-2 L: double, first WMB, locking to the left
WMB 815-2 R: double, first WMB, locking to the right
WMB 816-2 L: double, second WMB, locking to the left
WMB 816-2 R: double, second WMB, locking to the right

| Technical data | |
|-----------------------|--|
| Pressure force / load | 300N |
| Tractive force | 300N |
| Closing force | 2000N (break in force) |
| Speed | 1-8mm/s, TrueSpeed™ capable |
| Window types | top, bottom and side hung windows |
| Nominal voltage | 24 VDC (max. 10% rippel) |
| Voltage | 19 - 32 VDC |
| Open circuit voltage | max. 32 VDC |
| Current consumption | max. 1A |
| Power consumption | max. 24W |
| Temperature | -5°C - +74°C, max. 90% relative humidity (not condensing) |
| Switch on duration | ED 40% (2min. per 5min.) |
| Material | zinc housing protected against corrosion, aluminium |
| Colour | black RAL 9005. Other RAL colors available at additional price. |
| Dimension | 22 x 33 x 331 mm (H x D x L) |
| Weight | 0,56 kg |
| Connection | 35 mm black 3-core 0.34mm ² silicone cable with connector |
| IP rating | concealed: IP 32 |
| SHE test | Approved according to EN 12101-2 with selected profiles – please contact WindowMaster for further information B300 tested according to EN 12101-2 |
| Delivery includes | locking actuator with 35 mm cable with Molex Micro-Fit connector |
| Note | we reserve the right to make technical changes and correct typing errors |



| Item code composition | | | | | | |
|--|----|---|---|---|---|--|
| WMB 815 / 816 | -n | X | Y | Z | 1 | |
| Product version: 1 | | | | | | |
| Certification: E = CE + EN 12101-2 | | | | | | |
| Colour: B = black | | | | | | |
| Locking direction: L = Left, R = Right | | | | | | |
| Actuator variant: 1 = single, 2 = double | | | | | | |

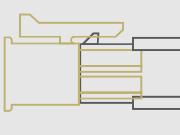
Explanation of product code structure

WMB 816-2LB E1 WMB 816 locking actuator, double variant, locking to the left (seen from the inside), with CE 12101-2 certification, product version 1

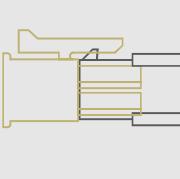
| Items | | |
|-----------------|---|----------------|
| Variant | Description | Item no. |
| Single actuator | Single, locking to the left | WMB 815-1LB E1 |
| | Single, locking to the right | WMB 815-1RB E1 |
| Double actuator | Double, first actuator, locking to the left | WMB 815-2LB E1 |
| | Double, first actuator, locking to the right | WMB 815-2RB E1 |
| | Double, second actuator, locking to the left | WMB 816-2LB E1 |
| | Double, second actuator, locking to the right | WMB 816-2RB E1 |

| Accessoires | Item no. |
|---|----------|
| Extension cable, 5m 3-core 0.34mm ² | WLL 121 |
| Connection cable for 2 actuators | WLL 122 |
| Connection cable for 2 actuators with entrapment connection | WLL 122E |

Extension cable

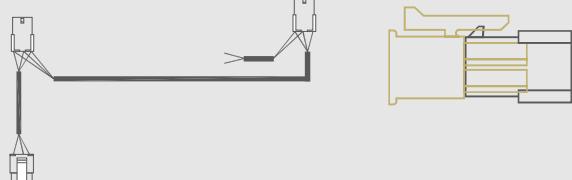
| WLL 121 | | Material | silicone, black 5m, 3-core 0.34mm ² |
|---------|---|-------------------|--|
| |  | Application | extension cable |
| |  | Delivery includes | 1 x cable with attached Molex Micro-Fit connector and fast-on socket |

Connection cables

| WLL 122 | | Material | silicone, black 1 x 1.5m, 3-core 0.34mm ² 1 x 0.15m, 3-core 0.34mm ² |
|---------|---|-------------------|--|
| |  | Application | cable for 2 actuators |
| |  | Delivery includes | 2 x cable with attached Molex Micro-Fit connectors |

WMB 815 / WMB 816

Locking actuator

| WLL 122E | |
|---|---|
|  | Material silicone, black 1 x 1.5m, 3-core 0.34mm ² 1 x 0.15m, 3-core 0.34mm ² 1 x 0.165 m, 2-core 0.34mm ² (for entrapment connection) |
| Application | cable for 2 actuators |
| Delivery includes | 3 x cable with attached Molex Micro-Fit connectors |

