

WLF 111

INTERFACE 24V



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Application

- interface for control of WindowMaster window actuators via WLC 100 control unit
- connection of sensors or switches
- control through intelligent building management system via potential free switches

The WLF 111 is used to control up to 30 WLC CombiLink control units (up to 90 actuators).

The following may be connected to the interface:

- standard switches of most types for one control of window actuators and other electric accessories through WLF 111.
- sensors with 5 - 40 VDC/AC control voltage or with potential free switches connected to auxiliary voltage. Rain sensor WLA 510 can be connected to WLF 111 so that all windows connected to the CombiLink system will close automatically in case of rain.

WLF 111 has two control settings

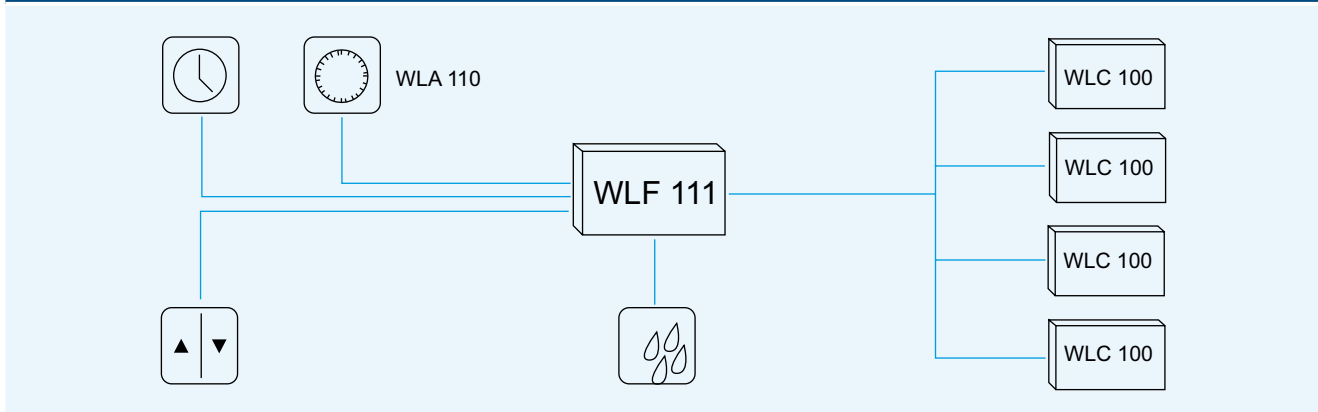
- Automatic ventilation by means of a window actuator. Control of electric window actuator while the three control inlets work in priority order. Inlet 1 has the highest priority and inlet 3 has the lowest. Thus a rain sensor with priority can prevent a thermostat from opening the window when it rains.
- Individual control of both sunscreening and ventilation. Sunscreening and ventilation are controlled independently of each other. Control inlets on the WLF 111 work in prioritised order.

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Supply voltage	the interface is fed from EXT/INT outlet of the WLC CombiLink control unit	
Power consumption	typically 1W, max. 10W	
Working condition	-5°C - +50 C°, for indoor installation, the interface may not be covered	
Material	fire retardant polycarbonate in accordance with UL 94-5V	
Colour	white (NCS 1000)	
Size	183 x 110 x 70mm (W x H x D)	
Weight	0.4kg	
Connection	WLC	The Interface is connected to EXT/INT of WLC using WLL 100 3-core cable. The maximum distance between the interface and WLC is 100m.
	Sensors	The control inlets of the WLF 111 are activated by a voltage of 5-40 VDC/AC. If potential free switches are used, they must be connected to the control inlets of WLF 111 using auxiliary voltage from 5 VDC outlet of the control unit.
Recommended sensors	room thermostat WLA 110 and rain sensor WLA 510	
Delivery includes	interface with 1.3m power cable	
Note	we reserve the right to make technical changes	

Application examples



Item	Item no.
Interface 24 VDC for WLC	WLF 111 01