Shadow Device WM

Ref. 1860253

The LON Shadow Device stores the relevant data which is derived from a building model provided through Somfy. Because of that the façade's facing direction is taken into account in the buildings' own precise shadow and in the shadow caused by opposite buildings.
The LON Shadow Device is essential in conjunction with the animeo LON Motor Controllers to realize window based shadow management for buildings.

Installation advantages

> Suitable for wall-mounting and DIN-rail installation.

> Connects easily through standard RJ45 network connector to the LON network.

> The shadow data base can simply be uploaded through an USB port.

Functional advantages

> The device is provided with a shadow data base which is derived from a building model created through Somfy service and expertise.

> Stores up to 4,000 shadow zones based on a building model.

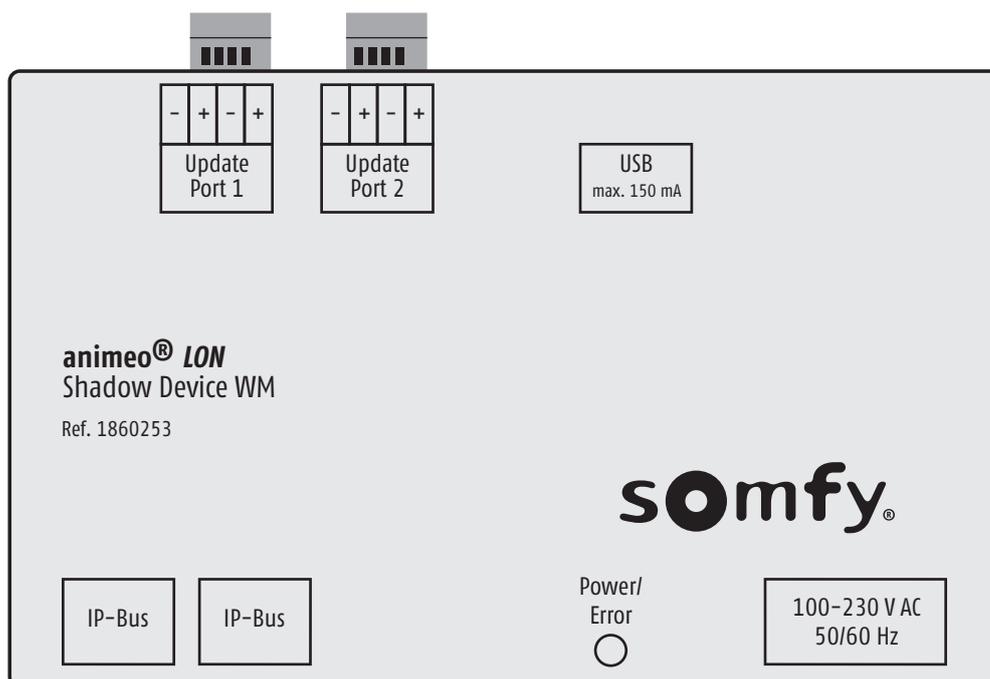> Intuitive network configuration (IP) through a Somfy web page.

Wiring

Connection	Cables	Twisted pairs	Max. distance
USB	USB 2.0 Standard A	–	10 m/33 ft
IP Bus	Cat. 5 / 100 Mbit/s	–	100 m/330 ft

Classification

The Shadow Device is an electronically and independently-mounted control.

· Class A control function
· Type 1 action
· Pollution degree: 2
· Rated impulse voltage: 4 kV
· Temperature of the ball hardness test: 75 ° C
· Type X attachment
· Method of attachment for non-detachable cords: screwless spring terminal
· EMC emission test: U_{AC} = 230 V AC I_{AC} = 0.6 A
  (EN 55022 Class B emission)

somfy

Update Port 1

| − | + | − | + |

Update Port 2

| − | + | − | + |

USB
max. 150 mA

animeo® *LON*
Shadow Device WM

Ref. 1860253

somfy®

IP-Bus

IP-Bus

Power/
Error

100–230 V AC
50/60 Hz

CHARACTERISTICS

Supply voltage	100–230 V AC / 50/60 Hz
Max. operating current	< 40 mA@230 V AC 80 mA@120 V AC
Stand-by current	< 4 W@230 V AC < 4 W@120 V AC
Operating temperature	0 °C to 45 °C
Relative humidity	85 %
Material of housing	PC–ABS polycarbonate
Housing dimensions (w x h x d)	100 x 175 x 50 mm
Weight	377 g
Degree of protection	IP 20
Protection class	II
Conformity	www.somfy.com/ce

⚠ The implemented shadow data base which is derived from a model created through Somfy service and expertise will be invoiced with a separate fee in addition to the shadow device. The amount of this fee depends on the size of the building and the Somfy service and expertise. Somfy service and expertise is responsible for supplying the shadow data base.

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