

Product description

ESW – Wireless switch [enocean]

Introduction ESW

ESW is a wireless switch that can be used in conjunction with the Dali Lighting SBD Controller and the SBM Solar Shield Controller. The control units then need to be equipped with a radio module.

ESW offers a number of benefits:

- Eliminates electrical design and wiring.
- Does not entail additional cost for wiring when moving walls.
- Enables you to freely choose placement on a wall, on/ under a desk, on a glass wall etc.

Function

One press of the spring-loaded push button generates the energy needed to send a radio signal to the radio unit in the controller. The switch has no battery and needs no grid connection.

Pairing of a wireless switch

Pairing of a switch is done via the controller menu.



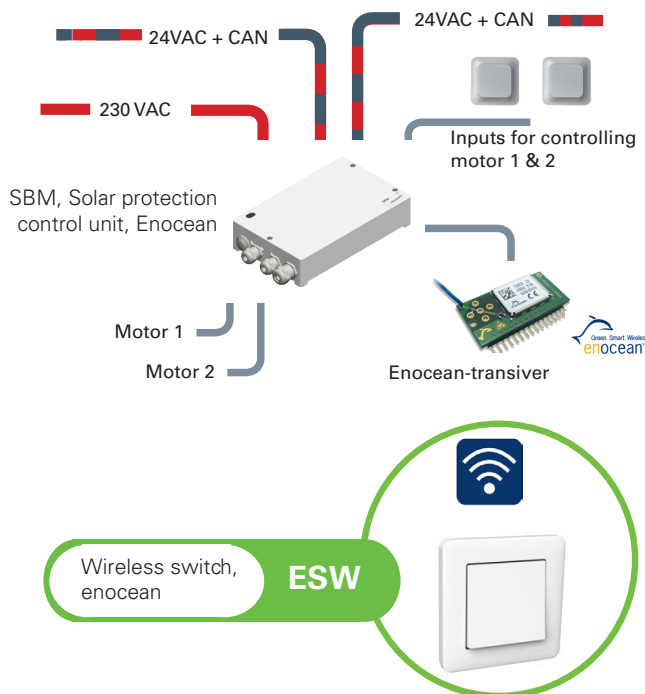
ESW - Wireless switch.

Mounting

The switches can either be affixed with the accompanying foam tape or screw fixed using the screw holes on the frame. The technical element can be placed in a number of different frames and buttons to suit architectural requirements etc.

Reliability

The lifetime of the transmitter has been tested to withstand 100 operations per day for 25 years. This corresponds to pressing the button 912,500 times, which should comfortably exceed the expected use.



Connection diagram for SBM with radio module for wireless switch ESW.

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Technical specifications

General

Dimension

Outer dimensions: 80 x 80 x 15 mm (LxWxH)

Inner dimensions of button unit 55 x 55 mm (Follows a standard that allows the use of many different frames.)

Material

Thermoplastic encapsulation

Colour

White

IP class

Encapsulation complies with IP40

Radio transmitter

Technique: enocean.

Short interference-free signal in the 868MHz band.

Range indoors: 15 metres.

Electrical system

Supply voltage

The device does not use supply voltage.

Output

No consumption: 0 VA

CE marking

Complies with EMC and the Low Voltage Directive

Additional product documentation ESW

Table 1: Additional documentation for ESW can be obtained via links on the product's website under Products at www.lindinvent.se

Document	Available	Not available	Comments
Installation Instruction		●	See installation in this product description.
Start-up instruction		●	Paring is done via menu selection in the controller.
Maintenance instruction		●	Regarded as maintenance-free
External connection diagram	●		Not applicable
Environmental product declaration	●		To be assessed by Byggvarubedömningen and Sundahus
User information		●	See start-up instruction for CBRE
Modbus list		●	Not applicable
AMA text		●	Not applicable

Product documentation can be downloaded via
www.lindinvent.se/produkter/



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