

EnOcean Switch Panels (181 & 182)

The 181 and 182 switch panels allow wireless control of a Helvar DALI system.

The switches communicate with the lighting network via a Helvar 434 EnOcean Gateway, which supports up to 20 EnOcean switch panels.

The switches are battery-less, thanks to energy harvesting technology, and are maintenance-free. Energy is generated by pressing the EnOcean button, and a radio signal is sent to the Gateway. Similarly, a radio signal is sent when the button is released, allowing for dimmer and blinds control.

The EnOcean switches are fully programmable in Helvar's Designer or Toolbox software.

Key Features

- Choice of single or dual rocker, and black (B) or white (W) panels
- Self powered: batteryless and wireless
- EnOcean RF technology
- Stainless steel frame

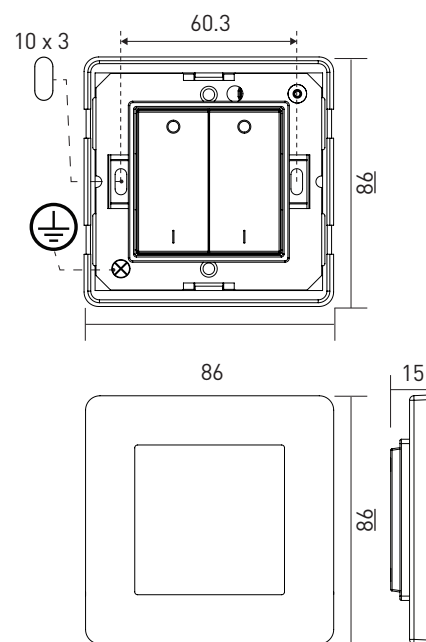
Product Order Codes:

Dual Rocker Switch: 182B (black)
182W (white)

Single Rocker Switch: 181B (black)
181W (white)

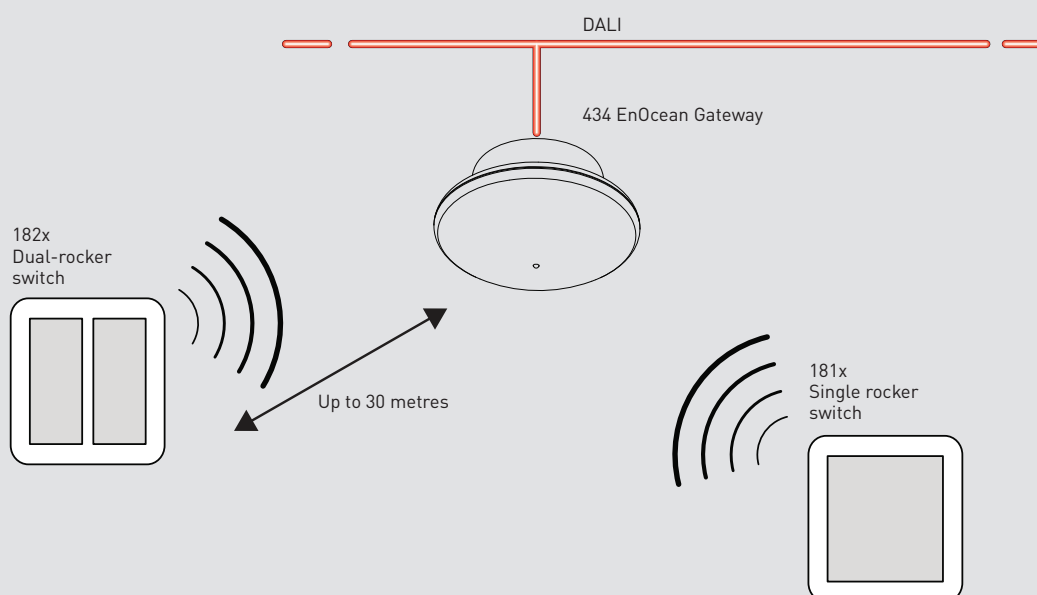


Dimensions



Weight: 150 g

Connections



Technical Data

Connections

No wiring (power or communications) is required.

Power

Signal power is generated by pressing the EnOcean button.

Operation

Operating frequency: 868 MHz ISM band (Europe)

Range: 30 m (unobstructed space)

**Maximum number
of switch panels per
gateway:** 20

Mechanical Data

Dimensions: 86 x 86 x15 mm

Weight: 150 g

Switch colour: 181W and 182W: white
181B and 182B: black

Material: Switch rockers: plastic
Frame: Stainless steel

IP rating: IP 30

Mounting: Mount to backbox, or mount on
glass or flat surface

Operating Conditions

Ambient Temperature: 0°C to +50°C

Relative Humidity: Max 90%, non-condensing

Storage Temperature: -10°C to +70°C

Conformity and Standards

EMC EN 301489-1

EN 301489-3

Safety: EN 60950

R & TTE: 1999/5/EC

Wireless protocol: ISO/IEC 14543-3-10

Environment: Complies with WEEE and RoHS
directives