



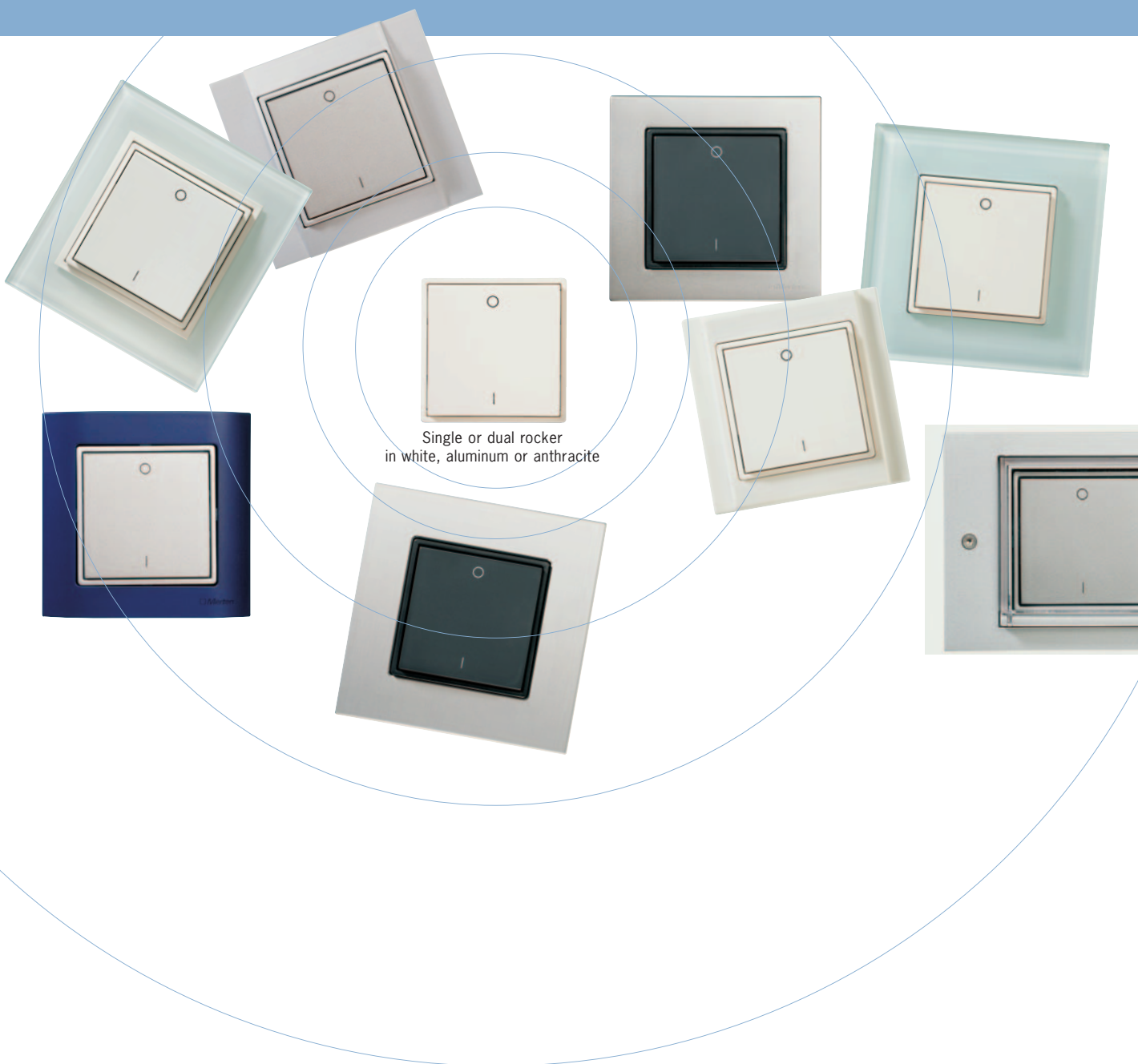
EnOcean easy|fit

Universal switch insert



The new standard. Batteryless. Wireless. Compatible.

EnOcean easyfit :
Simple snap in to most
switch designs



EnOcean easyfit: the fascinating beauty of a revolutionary technology




EnOcean wireless switches revolutionize building engineering – and solve problems created by fixed wiring. Flexible room arrangement? Subsequent repositioning of a light switch? Attachment to glass/marble walls? Renovation of historic buildings? No problem for cableless radio switches. Using an integrated energy generator, EnOcean radio switches produce their energy from every press of the switch, they need no batteries and are absolutely maintenance-free.

DESIGN AND FUNCTIONALITY TAILORED TO YOUR NEEDS.

EnOcean easyfit brings all the benefits of innovative radio technology to installation engineering: *maintenance-free flexibility plus reliable transmission of information*. This means extra convenience for the user, because installation is matched to individual requirements and not the other way round.

EnOcean is environment-friendly. The energy pulse of a radio transmission is one hundred times less than the high-frequency pulse caused by the contact-breaking spark of a conventional light switch. Doing away with cables to the switches reduces the amount of copper and PVC plus low-frequency radiation. And that cuts the fire load too.

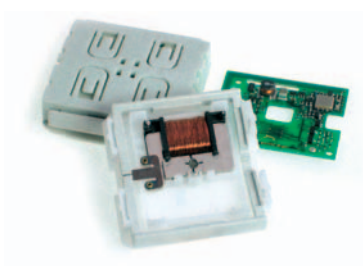
EnOcean technology is already well established in building automation. The batteryless radio components are often used for new, flexibly styled office buildings. And because they are environment-friendly, they are also popular in hospitals, kindergartens and buildings designed along feng shui guidelines. Further uses include the subsequent creation of conference zones with glass dividing walls, or the retrofitting of switches where no automation or switching point was originally intended.



EnOcean easyfit: an all-around genius that fits everywhere

THE SMARTEST SOLUTIONS ARE OFTEN SO SIMPLE.

The EnOcean easyfit switch insert is as smart as it is simple. A universal plate of standard 71 mm format is adhered or screwed straight to the wall. This size allows multiple combinations, even with flush units like switches and sockets. The frame of the chosen switch range is set upon this plate. The design frame is held by an intermediate frame that comes with a sophisticated spring construction to compensate for different frame heights and cutouts, and securely fixes the EnOcean radio module in place. *The core of this is the batteryless PTM 200 radio module, which converts the energy from finger pressure into short radio signals.* Finally, on top of this, sits the single or dual rocker.



PTM 200 radio module disassembled





THE ENOCEAN RADIO STANDARD.

A large selection of receiver solutions is available, working to the EnOcean standard for direct control of loads or as gateways to bus systems.

The EnOcean easyfit thus combines EnOcean functionality with switch designs to suit every taste. Integrated energy generation makes the units *absolutely maintenance-free, and good for more than 50,000 actuations*. The transmitter sends an actuation and a let-go message, so it is also possible to control dimmers and blinds by decoding in the receiver.

The range is up to 300 m outdoors or typically 30 m in a building, through walls. Using the switch is pleasant, similar to a wired switch, with an extremely low actuating force of about 5 N for 2 mm travel. Association with a receiver is as simple as pressing the switch. The receiver is set to a learning mode by a button, and the particular radio switch is actuated to teach it. Each switch has its own identification number that is issued only once worldwide.

BOUNDLESS POSSIBILITIES – IN EVERY RESPECT.

EnOcean easyfit is compatible in design and functionality. Being a universal switch insert it fits in numerous frame systems of 55 x 55 mm format. The most common rocker colors – white, anthracite and aluminum – add to the design variety.

You choose your design – EnOcean delivers the batteryless radio technology to match.

Light fixtures or vent fans can be switched directly, blinds or dimmers can be controlled, or EnOcean easyfit can be integrated in complex building automation systems. Gateways plus a variety of sensor solutions such as room controls and window contacts are available for all common bus systems like EIB/KNX, LON or Ethernet.

EnOcean easyfit is approved for use throughout Europe and North America and works on the 868 MHz band. *This guarantees secure transmission of information in all European countries, and without any need for registration or licensing.* Interference is as good as impossible. Each press of the switch generates multiple radio transmissions for superb reliability.

EnOcean's wireless telegrams are fast, less than 1/1000 of a second, providing instantaneous switching, minimizing the potential for interference and enabling high numbers of co-located switches without the risk of collisions.

EnOcean easyfit
2-channel lightEnOcean easyfit
2-channel roller blindsEnOcean easyfit
4-channel lightEnOcean easyfit
4-channel roller blinds

White	H5001-A210	H5001-A220	H5001-A230	H5001-A240
Anthracite	H5001-A211	H5001-A221	H5001-A231	H5001-A241
Aluminum varnished	H5001-A212	H5001-A222	H5001-A232	H5001-A242



EnOcean easyfit. ALL THE ADVANTAGES AT A GLANCE.

- Batteryless, wireless, maintenance-free
- Surface attachment without case
- Switch frame flat on wall
- Compatible with following designs with 55 x 55 mm rocker:

BERKER S1, B1, B3, B7 glass
 GIRA Standard 55, E2, Event, Esprit
 JUNG A500, Aplus
 MERTEN M-Smart, M-Arc, M-Plan

GIVE YOUR SMART SOLUTION FULL SCOPE.

The competent specialists of EnOcean and your system integrator will gladly provide consulting and support. To get an impression of a new future in installation engineering enabled by EnOcean, visit us on the Internet at www.enocean.com.

Stamp

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