

xComfort LeakageStop



The xComfort LeakageStop is a home automation solution that detects leakages, triggers alerts and counters potential damage. Protect your household, and enjoy the benefits of a highly flexible water safety system.



Powering Business Worldwide

Are you worried about the damage water leakage can do to your property?



Tap water loss and tap water damage is the most common type of building damage. Did you know that ...

- Tap water-related damage occurs in Scandinavia every minute and the total damage amounts to 2.3 billion euros*
- Damage in Germany occurs at a rate of two incidents per minute, costing around 3 billion euros**
- Every single household is affected by water damage once every 25 years on average
- With around 222.8 million private households in Europe in 2018, it is clear that water damage is a major problem for owners and insurance companies***
- Around 65 % of all water damage is caused by bursts or cracks in pipes and older buildings and those in need of renovation are especially vulnerable
- Mold growth already sets in within the first 24 hours as a result of increased humidity? This can lead to asthma and other health problems.**

Sources

* VASK / Finance Norway

** Institute for Insurance and Claims Research

*** SchadenFUX24.de GmbH

BREEAM

BREEAM (Building Research Establishment's Environmental Assessment Method) is an internationally recognized sustainability rating scheme for the built environment. Amongst others, it assesses the energy and water consumption of a building, which can be further reduced by means of home automation solutions such as Eaton's xComfort LeakageStop



Are you looking for a solution that is always on, without any interruptions?

Do you want a scalable solution that does not require demolition work?

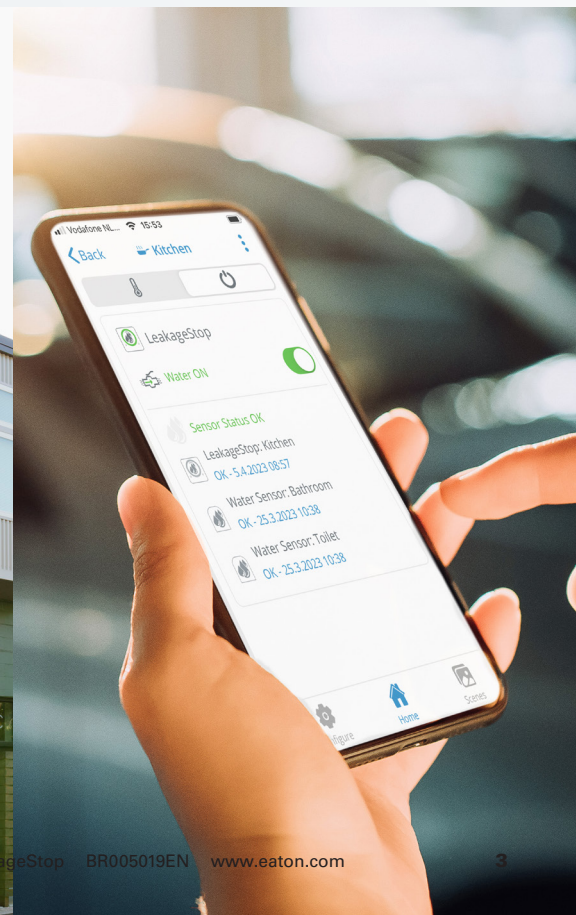
Are you looking for a stand-alone alarm solution that can also be easily upgraded to work as part of a connected home via App control?

Household water safety with the xComfort LeakageStop

Robust and proven Eaton xComfort technology powers this truly universal water safety solution, which supports the BREEAM requirements. Making full use of its flexible installation options, electricians can provide smart sensor-based water detection and valve-based leakage protection solutions for any desired setup – from single room to multi-room coverage, e.g. in a technical room. It can also be upgraded to be part of a connected home via App control at a later date.



Two safety options are available. First, the flush-type socket mounted xComfort LeakageStop Universal, with connection options for water detectors as well as for solenoid valves for shut-off purposes. This configuration serves to detect and protect against water damage. The battery-powered xComfort LeakageStop Detector is intended for placement wherever individual leakage detection is required, e.g. near water pipes or a toilet. The solutions can also be used together to expand the protection range in a room or for multi-room coverage.



xComfort LeakageStop, a future-proof, flexible solution

At a glance...

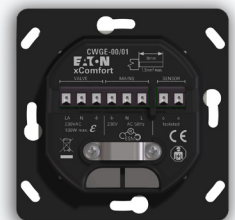
- Standard flush-type socket box mounting of xComfort LeakageStop Universal primary unit
- Wired sensor placement in vicinity of pipes for reliable water detection
- Wired connection to any standard 230 V solenoid NO or NC valve for leakage damage protection
- SINTEF certified, if used with Danfoss ECO-Brass solenoid valve EV220 BW ½", EV221BW ½" or EV250BW ½"
- In-wall or on-wall wiring accessories wiring options
- Low power consumption. Less than 240 mW (no alarm and/or valve operation triggered)
- Supports the implementation of BREEAM requirements for sustainable water and energy use
- Single or multi-room water damage protection, e.g. via technical room
- Battery-powered version for individual water detection, either stand-alone or to extend the range of xComfort LeakageStop Universal
- Optional power-off of appliances via connected switching actuators
- Integrated lime blockage protection function optional
- Remote operation and monitoring via xComfort Bridge app



Mains-powered xComfort LeakageStop Universal

for stand-alone and connected operation

- Water detection by means of:
 - a single-spot detection (floor use) or
 - a sensor cable
- Audio and visual alarm (LED)
- Control buttons on the device
- Easy visualization thanks to LED and instruction sticker
- Optional control and notification via App
- Flush-mounting in any standard socket box and 55 mm wiring accessories frames compatible
- Available in pure white (jet black and silver 55 x 55 mm covers as accessories)



In order to provide the best solution for each installation, the valve can be freely selected by the installer depending on the situation, a predefined valve is therefore not included. The LeakageStop device supports standard 230 V AC NO or NC solenoid valve up to 100W.

The wiring accessories-based wiring options of the xComfort LeakageStop Universal ensure that the individual requirements of every homeowner are met: For example mounting the primary unit at eye-height in the kitchen, in tandem with connections to the sensor, below the sink and in the vicinity of the water pipes, as well as to a standard 230 VAC NO or NC-type solenoid valve. The control buttons enable the execution of all operations, such as for example muting alarm, valve reopening / closing and system configuration. An instruction sticker serves as an immediate guide to execute the necessary steps.

Accessories included with xComfort LeakageStop Universal



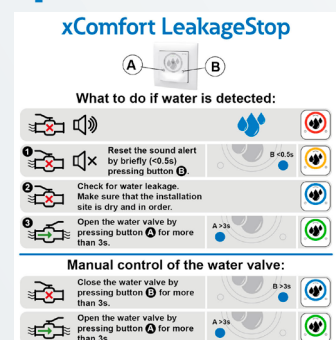
Water sensor flat cable (3 m)
(With adhesive tape)



Solenoid valve cable (2m)
with LED indication and dual earthing (easy mounting)



2-wire cable (1.5 m)



Instruction sticker

Battery-powered xComfort LeakageStop Detector

detects water and can function as a stand-alone or connected alarm device

- Fully wireless, can be placed on the wall, no flush box needed
- Battery-powered, with a battery lifetime of up to 5 years
- Water detection by means of:
 - Integrated sensor (floor use)
 - External sensor cable
- Mounted by means of adhesive tape or a magnet for easy removal
- Available in pure white (jet black and silver covers as accessories)
- Control button on the device
- Easy visualization thanks to LED and instruction sticker
- Audio and visual alarm (LED)
- Optional notification via App

The battery-powered xComfort LeakageStop Detector ensures reliable water detection at a specific location or area, e.g. the bathroom floor. In the event of leakage, the device issues audio and visual alerts. The xComfort LeakageStop Detector requires no additional wiring. It is typically used as remote detector for the xComfort LeakageStop Universal, communication is established by means of the xComfort RF wireless communications protocol.



Accessories included with the xComfort LeakageStop Detector



Water sensor flat cable (3 m)



Button cell battery



Instruction sticker

Battery-powered, wireless pushbutton

General features

- Optional accessory for easy control
- Can be mounted anywhere
- 55 x 55 mm wiring accessories compatible rockers with xComfort LeakageStop icons
- Available in pure white, jet black and silver
- Battery-powered, with a battery lifetime of 10 years

The xComfort wireless switch can be used to mute alarms and open or close valves from any desired location.



xComfort LeakageStop range – overview and accessories

xComfort LeakageStop Universal



**EP-500533
CWGE-0U/31
LeakageStop,
Pure white
gloss**



**EP-500534
CWGZ-CM/03
Cover,
Silver matte**



**EP-500535
CWGZ-CM/09
Cover,
Jet black matte**



**EP-500540
CWGZ-CS/03
Sensor unit
Cover, Silver,
matte**



**EP-500541
CWGZ-CS/09
Sensor unit
Cover, Jet
black, matte**

xComfort LeakageStop Detector, Battery



**EP-500536
CWGA-0D/01
LeakageStop
detector,
Pure white matte**

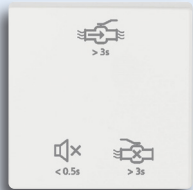


**EP-500537
CWGZ-CB/03
Cover,
Silver matte**



**EP-500538
CWGZ-CB/09
Cover, Jet black
matte**

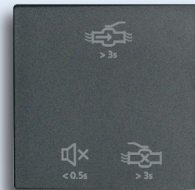
Rocker 1-fold with LeakageStop print



**EP-500542
CWIZ-01/g1
Rocker 1-fold,
Pure white, gloss**



**EP-500543
CWIZ-01/h3
Rocker 1-fold,
Silver, matte**



**EP-500544
CWIZ-01/h9
Rocker 1-fold, Jet
black, matte**



**CPAD-00/193
Wireless Switch,
1-fold, Pure white
gloss**

Connection cable



**EP-500546
CMMZ-00/48
LeakageStop –
Cable to
connect 2nd
solenoid valve**



**306131
CSEZ-01/37
Water Sensor cable.
Adhesive flat-cable
with 2-wire
connection cable**

xComfort Bridge and the xComfort LeakageStop

The versatile water safety solution can also be integrated into an already existing Eaton xComfort home automation environment via the xComfort Bridge App. This enables homeowners to remotely monitor the xComfort LeakageStop's activities and receive status updates and notifications as well as to open and close valves via a smartphone or tablet.

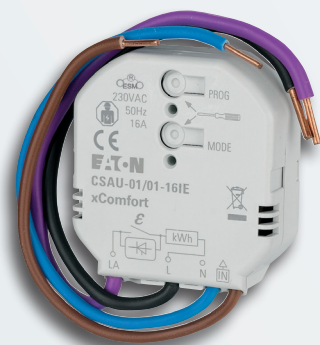
CBCA-00/01 xComfort Bridge



Download the xComfort Bridge App for iOS or Android



Add actuators to control electrical appliances such as the dishwasher



CSAU-01/01-16IE
Switching Actuator 16 A,
with input and energy
measurement



CSAP-01/F5-12E
Switching Plug F-type 12 A,
with energy measurement

About xComfort

xComfort is developed, manufactured and distributed by Eaton in Europe, which can look back on more than 100 years in the development of energy management technology.

xComfort is Eaton's robust and reliable system for home automation with a proven competitive advantage. It simplifies and speeds installation in residential buildings, while also significantly reducing costs.

With xComfort, installers can offer their customers outstanding value. The options range from flexible, wireless lighting, heating and shading control to complete solutions for increased comfort, security and safety as well as energy efficiency. xComfort is equally suited for new residential buildings and retrofits.



Customer benefits

With Eaton's xComfort LeakageStop solution, electricians can offer their customers a modern, high-quality and easy-to-install smart solution that protects residential buildings against water leakage damage.

Contractors can add value to their residential building projects by integrating the xComfort LeakageStop smart solution as part of the fixed electrical installation. Including fulfilling the Nordic building regulations

Integrating xComfort into projects results in added value for property developers. The infrastructure enables end-users to enjoy cost-effective connectivity to their home automation solutions via optional App control, notifications and many other features, including the BREEAM requirements.

Peace of mind: Homeowners can rely on the smart, high-quality xComfort LeakageStop solution to avoid further damage caused by water and to immediately alert them in the event of leakage detection.



eaton.com/xComfortLeakageStop

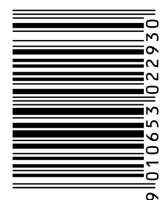


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