

PRESS RELEASE

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Well-protected efficiency on a small budget: BASIC presence and motion detectors featuring IP54

New presence and motion detectors from the ESYLUX BASIC series featuring the IP54 protection type now provide an entry-level solution to intelligent light control, even in locations with adverse environmental influences. They are available with detection ranges spanning 8 m or 24 m in diameter and are guarded against the high in-rush currents of LED operating devices thanks to zero-cross switching, which protects the relay. The push button input facilitates semi-automatic operation and manual override where required.

ESYLUX has specially developed the BASIC series presence and motion detectors as a standout choice for energy-efficient light control in cost-sensitive projects in particular. They are an ideal entry-level solution for demand-driven building automation in any areas where straightforward motion and daylight-based lighting control is required.

Protection type for sanitary facilities or intensive cleaning

ESYLUX has added variants with the enhanced IP54 protection type to the series, ensuring that the detectors' sensor system can operate in locations with adverse environmental influences. This makes it easier, for instance, to use these devices in sanitary facilities in offices, educational institutions and medical facilities. The devices are even well protected against the ingress of substances where devices are cleaned with water.

Zero-cross switching for LED lights

The new BASIC variants have a detection range spanning 8 m or 24 m in diameter and can be combined with each other using parallel wiring. They also offer a short-pulse mode for automatic stairwell lights, and a push button input supports semi-automatic operation and manual override where required. As more and more developers are now switching to LED lights, the BASIC detectors also use zero-cross switching, which reliably protects the relay from the high in-rush currents.

All new versions are designed for ceiling flush mounting, but they are also suitable for recessed mounting using the appropriate accessories and are ready for use with factory settings. The parameters can be changed for the remotely controlled variants using the REMOTE CONTROL MDi/PDi or ESY-Pen and ESY-App. The ESY-App also supports mobile configuration management and documentation. The versions without remote control can be parametrised using controls on the housing.

About ESYLUX — Performance for simplicity

ESYLUX develops, manufactures and distributes intelligent automation and lighting solutions that ensure better quality of life and energy efficiency in office buildings, educational institutions and health facilities. People's requirements and needs are central to the company's activities. ESYLUX places particular value on the simple application of its product solutions. ESYLUX customers and partners include wholesalers, installation companies, electrical and lighting planners and architects, who put their trust in more than 50 years of market experience and the personal, specialist advice provided by ESYLUX experts. Furthermore, ESYLUX meets the highest quality standards in research, development and production at its German site in Ahrensburg. The sales organisation is global: ESYLUX operates in collaboration with experienced trading partners and is represented by numerous subsidiaries in Europe, Asia and Oceania.

Find more information at www.esylux.com

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Photos and captions

(Source: ESYLUX GmbH)



BASIC IP54

Energy efficiency on a small budget, now with the IP54 protection type:

BASIC presence and motion detectors.