

PRESS RELEASE

Ahrensburg, 7 January 2025

Intelligent DALI-2 lighting control for the switch cabinet: SMARTCONTROLLER series from ESYLUX

With the new SMARTCONTROLLER series, ESYLUX offers separate DALI-2 control units with integrated bus voltage supply for sensor-based lighting control in offices, educational institutions and healthcare facilities.

Combined with input devices such as BMS presence detectors and push buttons, the DIN rail modules provide on-demand, cross-room control of up to 16 lighting groups. They feature the same functional configurations as the APC presence detectors from ESYLUX with integrated DALI-2 control unit.

The application controller, or APC for short, is the intelligent control unit of a DALI-2 lighting system. Combined with input devices such as BMS presence detectors and push buttons, an APC control unit provides on-demand, cross-room lighting control. ESYLUX has now developed the SMARTCONTROLLER series so that this can also be achieved from a switch cabinet.

Separate APC control units for the switch cabinet

The DIN rail modules with integrated application controller and bus voltage supply control up to 64 control gears and 16 lighting groups. Due to their location in the switch cabinet, they remain hidden and allow for maximum flexibility when selecting the additional BMS presence detectors, e.g. those from the ESYLUX COMPACT, FLAT or COMPACT MINI series. Regardless of which option is

preferred, a uniform detector design can be achieved within a system in combination with the new control units.

With constant light control, swarm function and time control

Depending on the configuration, SMARTCONTROLLERS enable functions such as presence- and daylight-dependent constant light control, automatic switching of groups if the use of the room changes, control according to the day of the week and time of day and swarm function. The DALI-2 system can be started up immediately in broadcast mode and easily configured according to individual requirements using the ESY-App. The integrated Bluetooth module of the control units enables bi-directional communication.

The DIN rail modules offer an alternative to APC presence detectors from the ESYLUX COMPACT series with built-in DALI-2 control unit, integrated bus voltage supply and identical control functions. APC presence detectors control the control gears directly from a corridor or room and also feature inputs for conventional push buttons and a switching output.

About ESYLUX – Performance for Simplicity

ESYLUX develops, produces and distributes intelligent automation and lighting solutions for a better quality of life and energy efficiency in office buildings, educational institutions and healthcare facilities. People's requirements and needs are central to what we do. As a result, we place particular importance on ensuring that our product solutions are easy to use. ESYLUX customers and partners include wholesalers, installation companies, electrical and lighting planners and architects who trust in the company's over 55 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. Our sales organisation is global: ESYLUX operates in collaboration with experienced trading partners and is represented by numerous distribution companies in Europe, Asia and Oceania.

More information is available at www.esylux.com

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Photos and captions



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The DALI-2 control units from the new ESYLUX SMARTCONTROLLER series operate while hidden within the switch cabinet and therefore offer maximum flexibility when selecting the design of the presence detector used.