PRESS RELEASE

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Plug-and-play human centric lighting with SMARTDRIVER-2 from ESYLUX

The SMARTDRIVER-2 from ESYLUX is an advanced control unit for intelligent lighting systems using ESYLUX Light Control (ELC). Variants featuring SymbiLogic technology have outputs for additional lighting that can be used to control DALI DT8 drivers and provide energy-efficient human centric lighting, which in turn leads to a reduction in CO_2 emissions. A slimmer housing and several detailed improvements have also made plug-and-play installation even easier.

Lighting systems featuring ESYLUX Light Control (ELC) and consisting of control units, presence detectors and ceiling lights can be installed, grouped, scaled up and networked using plug-and-play: At a time when there is an increasing lack of trained personnel, ELC systems offer a time saving of up to 60 %. With the SMARTDRIVER-2, ESYLUX has made developments and further improvements to the system control units.

Outputs for additional lighting can control DALI DT8 drivers

Depending on the variant in use, ELC lighting systems can be used to implement a presence- and daylight-dependent constant light control, or energy-efficient human centric lighting using SymbiLogic technology from ESYLUX. Systems featuring SymbiLogic have outputs for additional lighting that can now be used to control DALI DT8 drivers. This capability allows additional DALI lights with Tunable White to be integrated into the human centric lighting system to provide automated changes in brightness that imitate daylight. This feature also enables the lights to be controlled in parallel with the main lighting system.

Connection method enables seamless scaling and networking

ESYLUX has also adjusted several technical aspects of the systems to make them even easier to install. The result is that, alongside plug and play, there are now additional connection options for scaling and networking groups: Scaling can be accomplished using RJ10, while RJ11 is available for networking. This reduces confusion and ensures a seamless installation. The SMARTDRIVER-2 is now also able to detect whether there is a sufficient power supply to the system, and automatically switches the C0 bus supply on or off as required.

All variants now also feature a standardised and significantly slimmer housing with improved heat dissipation and an optimised cord grip for the 230-V connection. The new feet can be fitted in one of multiple directions and feature slotted holes for additional flexibility.

About ESYLUX — performance for simplicity

ESYLUX develops, manufactures and distributes intelligent automation and lighting solutions for improved quality of life and energy efficiency in office buildings, educational institutions and medical 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 trust in the company's 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. 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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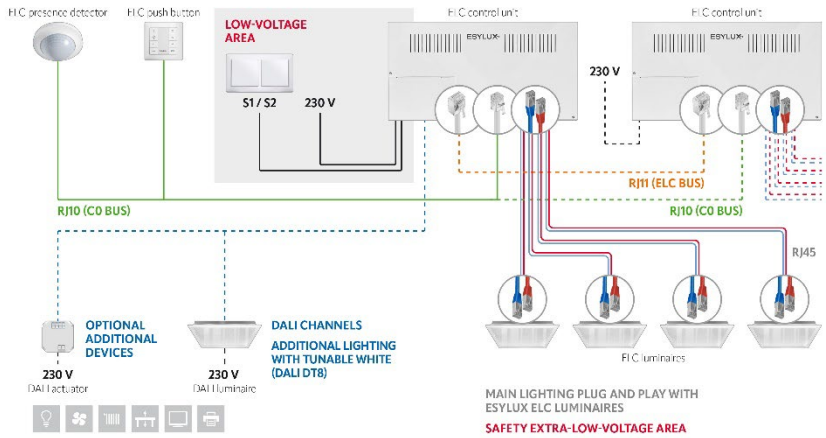
Photos and captions

ELC SMARTDRIVER-2 (Source: istock/maginima/ESYLUX)

The SMARTDRIVER-2 is the ideal control unit for intelligent lighting systems using ESYLUX Light Control. Its plug-and-play connection method makes it easy to group, scale up and network lighting systems.



ESYLUX Light Control ELC (Source: ESYLUX)