

PRESS RELEASE

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Plug-and-play lighting systems for KNX: ESYLUX Light Control can be directly integrated

Room-by-room lighting modernisation using intelligently controlled lighting systems with ESYLUX Light Control (ELC) can now be achieved in buildings equipped with KNX systems. New versions of the control unit with an integrated KNX module can be used to integrate lighting systems into the bus system so they can be centrally controlled and read out – without the need for a separate gateway. Versions are available for energy-efficient Human Centric Lighting or presence- and daylight-dependent constant light control. As usual, the installation process is carried out almost completely via plug and play.

Plug-and-play solutions are becoming increasingly popular in a time where there is a lack of trained personnel. Lighting systems with ESYLUX Light Control (ELC) use plug and play to enable room-by-room modernisation for intelligently controlled, energy-efficient lighting. This is made possible by only the SMARTDRIVER-2 control unit requiring a 230 V mains connection. Other system components such as ELC recessed lights or ELC presence detectors are connected and supplied with power via plug and play in the safety extra-low-voltage range, which can also be used to scale the systems.

KNX module for seamless integration without the need for a gateway

To enable such room-by-room modernisation projects to be implemented for KNX systems, new versions of the control unit now feature an integrated KNX module. This module enables seamless integration into KNX building automation systems

without the need for a separate gateway. This enables central override via switching, dimming and scenes, or by changing the light colour in versions for Human Centric Lighting. The module can also be used to read out from lighting systems: Scenes, dimming values, light colour, presence status and error messages can be determined from a central location and presented visually on a screen if required.

Energy-efficient Human Centric Lighting or constant light control

The versions with a KNX module are available for energy-efficient Human Centric Lighting with Tunable White luminaires or for presence- and daylight-dependent constant light control with a fixed light colour. In addition, there are various other functions that can be used to improve quality of life and energy efficiency in offices, educational institutions and medical facilities. These include a swarm function, an orientation light, energy-saving offset light control in rooms exposed to daylight on one side – and the ability to configure individual scenes.

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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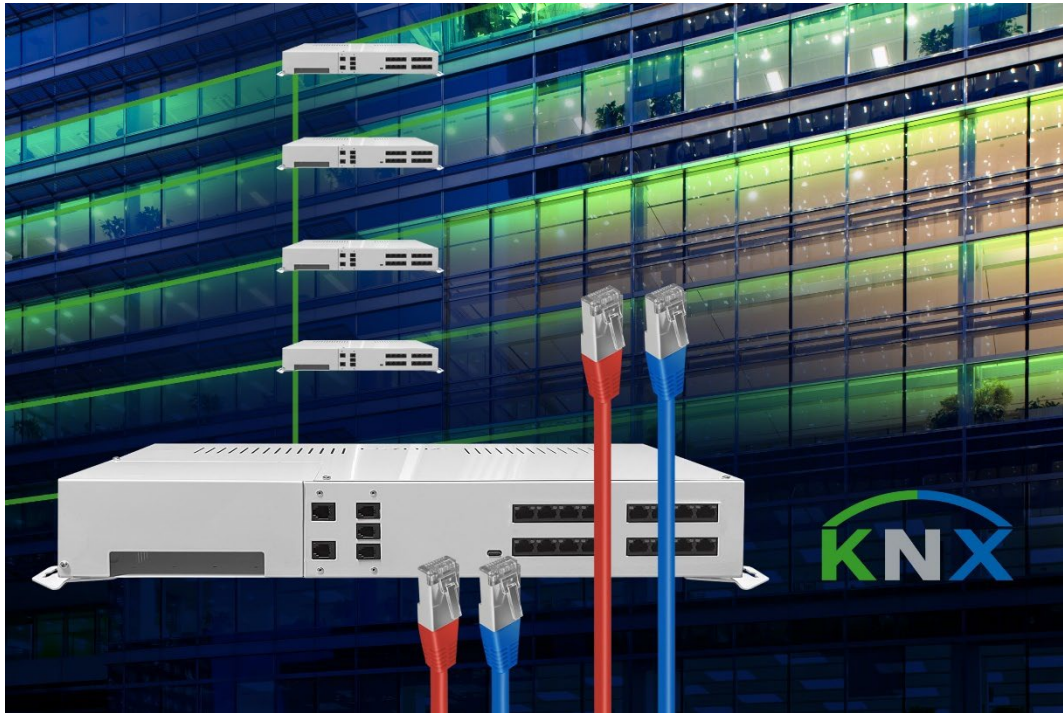
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Photos and captions

(Source: iStock/zodebala/ESYLUX GmbH)



Plug-and-play installation for lighting systems with ESYLUX Light Control means modernisation to energy-efficient lighting systems can now also be achieved more easily in buildings equipped with KNX systems.