

PRESS RELEASE

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Compact sensors for DALI-2 standard: BMS presence detectors from ESYLUX

With the BMS presence detectors of the COMPACT series, manufacturer ESYLUX presents new solutions for intelligent lighting control according to the DALI-2 industry standard. During operation, they serve as input devices and send the results of their motion and light sensors as well as commands from conventional pushbuttons to the control system of the DALI installation. Thanks to variants with different detection ranges, they cover all relevant applications within a building.

Intelligent light control in accordance with the DALI international industry standard has always represented simple planning and installation. The progression to DALI-2 brought with it further improvements. In particular, DALI-2 enables the interoperability of devices from different manufacturers, meaning that project managers can now easily put together a solution made up of best-in-class devices.

Trusted sensors for intelligent light control

ESYLUX now presents the PD-C 360/8 BMS DALI-2, PD-C 360/24 BMS DALI-2 and PD-C 360/32 BMS DALI-2 ceiling presence detectors for the presence- and daylight-dependent automation of a DALI-2 lighting system. They belong to the successful COMPACT series from ESYLUX and therefore feature motion and lighting sensor technology that has been used successfully in conjunction with other control interfaces for many years.

As BMS presence detectors (BMS = building management system), they act as input devices in accordance with the DALI-2 classification, and transmit the results of their presence detection and light measurement to the control units of the relevant system. This may be a building automation system with a DALI-2 interface or a DALI-2 presence detector with an integrated application controller in the room itself. All new presence detectors also feature two inputs for conventional floating buttons, the commands of which are issued as DALI-2 commands and can be freely assigned to the respective groups.

Easy installation with compact housing

The PD-C 360/8 BMS DALI-2 has a maximum detection range of 8 m in diameter. For customers looking to cover a larger area with only a single presence detector, two further variants are available with detection ranges of 24 m and 32 m, which also feature a larger sensor lens. The new presence detectors come in the same format as the rest of COMPACT series: a two-part housing with sensor head and powerbox to make installation quick and simple.

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 trust 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

Press contact

ESYLUX GmbH

Christian Schöps

Corporate Communications Consultant

T +49 (0) 4102 88 880-2017

F +49 (0) 4102 88 880-333

E christian.schoeps@esylux.com

Photos and captions

(Source: ESYLUX GmbH)

**ESYLUX COMPACT BMS DALI-2**

COMPACT presence detectors for DALI-2 with proven motion and lighting sensor technology.