

Product sheet

Surface DALI Constant Regulation System

Brand: DINUY

Reference: DINUY RE DMS DA4



This automatic DALI regulation system maintains a minimum lighting level of 500Lux by compensating for natural light in real time. It incorporates a PIR sensor for motion detection and supports two operating modes: automatic with detection or regulation only. Pre-adjusted for standard offices, it allows setting the minimum level to avoid total shutdowns.

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Description

The Surface DALI Constant Regulation System is an intelligent device designed to optimize energy consumption in lighting installations. Its advanced technology automatically maintains a pre-established minimum brightness level, compensating for variations in natural light throughout the day. This system integrates perfectly into corporate and educational environments where energy efficiency is a priority.

Technical Features

- Regulation Technology: DALI (Digital Addressable Lighting Interface)
- Material: Halogen-free thermoplastic
- Protection Rating: IP20
- Nominal Voltage: 230 V AC, 50...60 Hz
- Maximum Switching Capacity: 3000 W
- Inrush Current: 16 A
- Dimensions: 118.5 x 118.5 x 45 mm
- Horizontal Scan Diameter: 360°
- Maximum Detection Range: 40 m²
- Front/Side Transmission Interval: 7 m
- Floor Detection Diameter: 7 m
- Sensitivity and Brightness Response: Adjustable (100 lx)
- Built-in Teach Function for value adjustment

- Connection: Screwed terminal with additional input
- Activation/Deactivation Delays: 0 s
- Remote Control and Remote Operation: Yes

This system ensures significant energy savings by adjusting lighting according to the actual needs of the space, avoiding waste in empty areas or those with excess natural light. Its broadcasting capability allows efficient management of luminaire groups without requiring complex individual addressing.

Installation is simple via surface mounting on a ceiling or plasterboard, taking advantage of its compact and lightweight design. Users can configure minimum brightness and sensitivity parameters directly from the device, facilitating adaptation to different lighting regulations and visual comfort preferences in offices, schools, or hospitals.

Specifications

High	11.85
Rated current (A)	16
Width	11.85
Sensitivity	100
EAN	8422447015539
Manufacturer	DINUY
Material	Plástico
Measures	11.85 x 11.85 x 4.5
Power (W)	3000
Depth	4.5
Protection	IP20
Nominal voltage (V)	230 V CA, 50...60 Hz

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