



EE816

IP41

Presence detector 360° monobloc DALI/DSI, flush mounted

Technical properties

Architecture

Bus system Without

Functions

Function can only be used as individual unit

Compatibility

Extension unit on push-button (NO), extension units can be switched on and off by retriggering

Connectivity

Outputs integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts

Main electrical features

Frequency 50/60 Hz

Dimensions

Dimensions (Ø x H) 78 x 70 mm

Installation opening Ø 60...63 mm

Recommended installation height 2.5...3.5 m

Installation wall thickness 10...28 mm

Measurement

Detection Method Passive Infrared

Power supply

Supply voltage 230 V +10% / -15%

Detection

Detection angle 360 °

Detection angle 360 °

Detection field Ø, on floor ≈ 7 m

Detection field Ø, at desk height ≈ 5 m

Frontal detecting distance 7 m

Side detecting distance 6 m

Materials

Colour white

Material plastic

Lighting control

Response brightness, adjustable	≈ 5...1000 lx
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Brightness measurement range	5 / 1000 Lux
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LED control

LED	with red and green acknowledge/receive LED
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Installation, mounting

Maximum Mounting Height	4 m
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Installation mode	with spring clips for ceiling installation
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Connection

Type of load	24 DALI/ DSI ballasts
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Conductor cross-section (flexible)	0.5...1.5 mm ²
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Conductor cross-section (rigid)	0.5...1.5 mm ²
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Type of connection	with screw terminals
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Settings

Response value sensitivity adjustable	No
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Delay time, adjustable	1 mn...1 h
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Setting	with potentiometers for setting the response brightness and delay time without dismantling
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Equipment

Remote controllable	EE807, EE808
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Angle of horizontal detection	360 °
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Use conditions

Operating temperature	-10...45 °C
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Energy-saving	energy saving by means of presence and brightness-dependent ON and OFF switching of light
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Identification

Application, usage	Motion detector
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Main design line	Motion detectors
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