



EE816

**IP41**

**Presence detector 360° monobloc DALI/DSI, flush mounted**

**Technical characteristics**

**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

**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

Brightness measurement range 5 / 1000 Lux

**LED control**

---

LED	with red and green acknowledge/receive LED
-----	--

**Installation, mounting**

---

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

**Connection**

---

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

**Settings**

---

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

**Equipment**

---

Remote controllable	EE807, EE808
Angle of horizontal detection	360 °

**Use conditions**

---

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

**Identification**

---

Application, usage	Motion detector
Main design line	Motion detectors