DATA SHEET

ESYLUX

MD-C 360/40 BMS WAREHOUSE DALI-2

Item number	GTIN
EP10428982	4015120428982

Ø 40 m | 360° | DALI-2 | IP20



5 YEARS MANUFACTURER WARRANTY

Product description

- DALI-2-certified ceiling-mounted motion detector for use as an input device for DALI-2 lighting systems
- Multi-room light management in combination with APC presence detectors
- Can alternatively be integrated into third-party building management systems with a DALI-2 interface
- Integrated PIR sensor for DALI-2-commands in line with IEC 62386-303 and light sensor for other commands in line with IEC 62386-304
- Push button input for connecting standard push buttons (push button and switch commands issued as DALI-2 commands in line with IEC 62386-301 or 302)
- Surface mounting or recessed ceiling mounting with accessories

Technical data

GENERAL	
Device category	Ceiling-mounted motion detector
Included in delivery	includes lens mask
User interface	DALI-Bus
Remote controllable	-
Conformity	CE, EAC, RoHS, WEEE
Warranty	5 years

ATTACHMENT	
Installation type	Flush-mounted/Device socket Ø 68 mm
Installation position	Ceiling
Installation dimension	Installation depth: 24 mm, Ø 68 mm
Type of connection	Push terminal
Connectable wire cross section	1.5 - 2.5 mm²

HOUSING	
Dimensions	Height 70 mm, Ø 108 mm
Weight	134 g
Material	UV-stabilised polycarbonate
Protection type	IP20
Protection type with accessory	IP54 with surface-mounted box (order separately)
Permissible ambient temperature	-25 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010

ELECTRICAL VERSION	
Control system	DALI-2
DALI-2 device type	Input device in accordance with -301 (button), Input device in accordance with -302 (switch, absolute values), Input device in accordance with -303 (presence and motion detectors), Input device in accordance with -304 (light sensor)
Protection class	II
Nominal voltage	9.5 - 22.5 V DC
No load current DALI	6 mA
Peak current DALI	10 mA
Stand-by consumption	< 0.1 W

SENSORS	
Detection angle	360°
Detection range tangential Automated measurement in accordance with IEC 63180/AMD1 / sensNORM 3.0	Ø 44 m
Detection range radial Automated measurement in accordance with IEC 63180/AMD1 / sensNORM 3.0	Ø 20 m
Field of detection	up to 1258 m²
Range adjustment	mechanically with included cut to size lens mask
Recommended installation height	10 m
Max. mounting height	18 m
Light measurement	mixed light
Level of brightness	5 - 2000 lx

CHANNELS (LIGHTING / HVAC)	
Push button input lighting	2
Constant light control	-
Sensitivity configurable	✓
Switch-on time	600 ms
Channel	**C1**
Function	Send values

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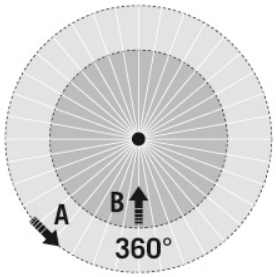
Accessories

Product designation	Item number	Product description	GTIN
Mounting			
COMPACT MOUNTING BOX IP54 SM WH	EP10425905	Surface-mounted box for COMPACT series, IP54, white	4015120425905
COMPACT MOUNTING BOX IP20 SM WH	EP10425370	Surface-mounted box for COMPACT series, IP20, white	4015120425370
COMPACT MOUNTING BOX-2 IP54 SM WH	EP10426216	Surface-mounted box for COMPACT series, IP54, white	4015120426216
Protection			
BASKET GUARD ROUND SMALL	EM10425615	Basket guard for presence and motion detectors and smoke detectors, Ø 165 mm, height 70 mm	4015120425615
Repeater			
REPEATER PS IEC 62386	EP10431371	Universal signal amplifier (repeater) with integrated bus voltage supply (150 mA) for extending the DALI cable length.	4015120431371

Field of detections

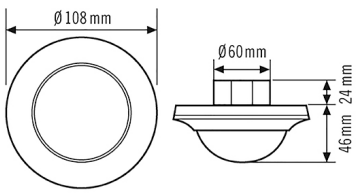


sens)))NORM IEC

Detection range

Installation height	Tangential A Automated measurement in accordance with IEC 63180/AMD1 / sensNORM 3.0	Radial B Automated measurement in accordance with IEC 63180/AMD1 / sensNORM 3.0
2.5 m	Ø 40 m	Ø 8 m
3 m	Ø 44 m	Ø 10 m
5 m	Ø 48 m	Ø 15 m
10 m	Ø 44 m	Ø 20 m
12 m	Ø 48 m	Ø 21 m
15 m	Ø 44 m	Ø 22 m
18 m	Ø 48 m	Ø 24 m

Dimension drawing



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Detailed product description

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