DATA SHEET



MD 360/24 BASIC SMB

Item number EB10430886	GTIN 4015120430886
	(ESYLUX)
5 WARRAN	
Technical data	
GENERAL	

GENERAL		
Device category	Ceiling-mounted motion detector	
Product information	Please note the Explanation of circuit breaker in the download area of the product! Mounting position: Keep a safe distance of 5 m from radio antennas (e.g. WiFi access points).	
User interface	Adjusting controller	
Remote controllable	-	
Conformity	CE, EAC, RoHS, WEEE	
Product-specific information	Lens mask and spacer not included in delivery	
Warranty	5 years	
ATTACHMENT		
Installation type	Surface mounted (plaster)	
Installation position	Ceiling	
Type of connection	Push terminal	
Connectable wire cross section	1,5 – 2,5 mm ²	
HOUSING		
Dimensions	Height/Depth 73 mm, Ø 101 mm	
Weight	132 g	
Material	UV-stabilised polycarbonate	
Protection type	IP40	
Permissible ambient temperature	0 °C+50 °C	
Relative humidity	5 – 93 %, non-condensing	
Colour	white, similar to RAL 9010	
ELECTRICAL VERSION		
Control system	ON/OFF	
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Protection class

<i>a</i> 24 m	24.00	ON/OFF		1CH
9 24 m	500	UN/OFF	1P40	

Product description

- Motion detector with 360° field of detection For ceiling mounting
- Range of up to 24 m across at a recommended installation height of 3 m for use in small rooms and passageways with very little or no natural lighting
- 10 A high-performance relay
- Zero-cross switching for gentle switching
- Factory setting for immediate operational readiness

Offers special product features such as:

Zero-cross switching

In-rush current78 A / 5 msPower consumption0,2 WSENSORSDetection angle360°Detection range diagonallyØ 24 mØ 24 mDetection range head-onØ 8 mField of detectionup to 453 m²Recommended installation height3 mMax. mounting height5 mLight measurementmixed lightLevel of brightness5 - 1000 lxCHANNELS (LIGHTING / HVAC)1Number of light channels1Push button input lighting1Push button input lighting1Slave input-ModeFully automaticSwitching delay from "light to dark"30 sConstant light control-ChannelC1 LightingFunctionSwitchingSwitching capacity230 V/50 HzSol V50 Hz2300 W/10 A (cos phi = 0,5) 600 W LED	Nominal voltage	230 V AC / 50 Hz
SENSORS Detection angle 360° Detection range diagonally Ø24 m Detection range head-on Ø 8 m Field of detection up to 453 m² Recommended installation height 3 m Max. mounting height 5 m Light measurement mixed light Level of brightness 5 - 1000 lx CHANNELS (LIGHTING / HVAC) Number of light channels 1 Push button input lighting 1 Push button input HVAC - Number of parallel switchable detectors 8 Slave input - Mode Fully automatic Switching delay from "light to dark" 30 s Constant light control - Channel C1 Lighting Function Switching Switching capacity 230 V/50 Hz 2300 W/10 A (cos phi = 1) 150 VA/5 A (cos phi = 0,5) 600 W LED ED		78 A / 5 ms
Detection angle 360° Detection range diagonallyØ 24 mDetection range head-onØ 8 mField of detectionup to 453 m²Recommended installation height3 mMax. mounting height5 mLight measurementmixed lightLevel of brightness5 - 1000 lxCHANNELS (LIGHTING / HVAC)Number of light channels1Push button input lighting1Push button input lighting1Push button input lighting1Slave input-ModeFully automaticSwitching delay from "light to dark"30 sConstant light control-ChannelC1 LightingFunctionSwitchingSwitching capacity230 V/50 HzSwitching capacity230 V/50 HzSolow ULED-	Power consumption	0,2 W
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Field of detectionup to 453 m²Recommended installation height3 mMax. mounting height5 mLight measurementmixed lightLevel of brightness5 - 1000 lxCHANNELS (LIGHTING / HVAC)Number of light channels1Push button input lighting1Push button input HVAC-Number of parallel switchable detectors8Slave input-ModeFully automaticSwitching delay from "light to dark"30 sConstant light control-ChannelC1 LightingFunctionSwitchingSwitching capacity230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED	Detection range diagonally	Ø 24 m
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Light measurementmixed lightLight measurementmixed lightLevel of brightness5 - 1000 lxCHANNELS (LIGHTING / HVAC)Number of light channels1Push button input lighting1Push button input HVAC-Number of parallel switchable detectors8Slave input-ModeFully automaticSwitching delay from "light to dark"30 sConstant light control-ChannelC1 LightingFunctionSwitchingSwitching capacity230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED	Recommended installation height	3 m
Level of brightness 5 - 1000 lx CHANNELS (LIGHTING / HVAC) Number of light channels 1 Push button input lighting 1 Push button input HVAC - Number of parallel switchable detectors 8 Slave input - Mode Fully automatic Switching delay from "light to dark" 30 s Constant light control - Channel Cl Lighting Function Switching Switching capacity 230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED -	Max. mounting height	5 m
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Push button input HVAC - Number of parallel switchable detectors 8 Slave input - Mode Fully automatic Switching delay from "light to dark" 30 s Constant light control - Channel C1 Lighting Function Switching Switching capacity 230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED Source provided and prov	Number of light channels	1
Number of parallel switchable detectors 8 Slave input - Mode Fully automatic Switching delay from "light to dark" 30 s Constant light control - Channel C1 Lighting Function Switching Switching capacity 230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED KED	Push button input lighting	1
Slave input - Mode Fully automatic Switching delay from "light to dark" 30 s Constant light control - Channel C1 Lighting Function Switching Switching capacity 230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED -	Push button input HVAC	-
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Switching delay from "light to dark" 30 s Constant light control - Channel C1 Lighting Function Switching Switching capacity 230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED	Slave input	-
Constant light control - Channel C1 Lighting Function Switching Switching capacity 230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED	Mode	Fully automatic
Channel C1 Lighting Function Switching Switching capacity 230 V/50 Hz 1150 VA/5 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED 000 W LED	Switching delay from "light to dark"	30 s
Function Switching Switching capacity 230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED	Constant light control	-
Switching capacity 230 V/50 Hz 2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED	Channel	C1 Lighting
2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5) 600 W LED	Function	Switching
	Switching capacity	2300 W/10 A (cos phi = 1) 1150 VA/5 A (cos phi = 0,5)
· · · · · · · · · · · · · · · · · · ·	Switch contact	make contact / non-floating

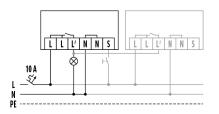




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Item number	GTIN					
EB10430886	4015120430886					
Push button input	\checkmark			Switch-off delay time	15 s30 min (adjustable in steps)	
Impulse mode	\checkmark					
Accessories						
Product designation		ltem number	Product description			GTIN
Cover						
BASIC 24 LENS MASK		EB10423109	Lens mask 24 m			4015120423109
Electrical accessories						
FILTER 230 V		EP10426988	Filter for suppression of inductiv	e loads, such as relays, contactors, fluorescent lamps an	d transformers	4015120426988
Protection						
BASKET GUARD ROUND LA	ARGE	EM10425608	Basket guard for presence and m	notion detectors and smoke detectors, Ø 180 mm, height	t 90 mm	4015120425608
Dimension drawing				Field of detections	Detection range	
	. Ø101mm				Diagonally (A)	Ø 24 m
		73.811	A B1	Frontal (B)	Ø8 m	
				360°		

Circuit diagram



Standard with optional control via a closing button and parallel wiring of max. 8 devices.

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EB10430886	4015120430886

Detailed product description

- Motion detector with 360° field of detection For ceiling mounting
- Range of up to 24 macross at a recommended installation height of 3 m for use in small rooms and passageways with very little or no natural lighting
- 10 A high-performance relay
- Zero-cross switching: Extension of the service life of the relay and bulbs with electronic ballasts (e.g. fluorescent lamps, LED) thanks to more gentle switching in zero-cross switching.
- Factory setting for immediate operational readiness
- Automatic lighting control
- Additional switch input
- Standard version as surface-mounted device, with special surface-mounted box for additional cabling space
- Sensing range upgrade through parallel connection

