



sensing the future



## ArtMotion

Microwave motion detector  
for automatic doors

### Ultra-flat, precise, unique

- **Beautiful design:**  
The door design can be fully appreciated because of the ultra-flat, plain sensor housing
- **Optimum person flow:**  
The field cannot be bypassed along the door panel because of the shape and precision of the **CubeZone** microwave field
- **Power-saving:**  
Avoids unwanted door openings because of direction recognition and crossing traffic masking
- **Short start-up time:**  
Quick and intuitive installation, practical basic settings

# ArtMotion

## Microwave motion detector for automatic doors

A sensationally definable and precise field is a characteristic feature of this microwave motion detector which is the flattest in the world. The unique, innovative microwave antenna developed by Bircher Reglomat gives you an unrivaled field geometry – the **CubeZone** – it makes undetected passing between the door panels and the microwave field almost impossible. ArtMotion activates your automatic door with complete reliability.

The elegantly shaped ArtMotion is extremely flat, only 25 mm thick, and can be installed intuitively without requiring significant preliminary knowledge. You can programme the required settings easily using the potentiometer and two DIP switches.



## Your benefits

### Ultra-flat and unobtrusive design

- Its small and elegant design means the detector integrates magnificently in any door design

### Rapid start-up and installation

- Simple programming using 2 DIP switches and the potentiometer

### World first: CubeZone

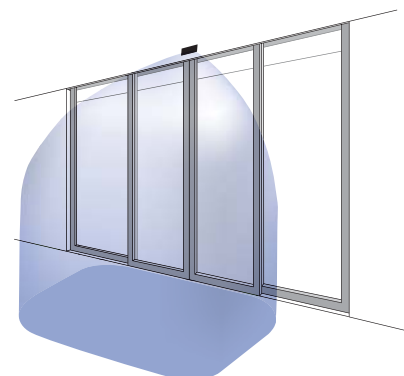
- The innovative and very precise field geometry means it is almost impossible to avoid the **CubeZone**
- The microwave field can be adjusted so precisely that it ends just in front of the door panels



Potentiometer for field settings



DIP switch for direction detection and cross traffic masking





## Order details

Article no.	Description
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226377	
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241767	
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241773	
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### Accessories

241687	<b>ArtMotion Holder</b> Ceiling bracket
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242083	<b>ArtMotion Adapter</b> Circular line adapter
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242078	<b>ArtMotion Shim</b>
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## Supplementary products

### EasyBeam

The variably applicable light barrier offers reliable protection with a range up to 6 m

### TopScan G3

The infrared detector prevents collisions with automatic swing and revolving door

## Your contact

## Technical specifications

### Mechanical data

<b>Material</b>	
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<b>Weight (without cable)</b>	
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<b>Dimensions</b>	
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<b>Connection type</b>	
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<b>Mounting height</b>	
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### Technological data

<b>Technology</b>	Microwave
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<b>Transmitting frequency</b>	24.125 GHz
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<b>Field size</b>	2.0 x 1.0 to 4.0 x 2.0 m
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### Electrical data

<b>Operating voltage</b>	19–29 VDC
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<b>Current consumption</b>	max. 100 mA at 24 VDC
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<b>Output</b>	Semiconductor relay
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<b>Switching voltage</b>	max. 30 V DC
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<b>Switching current</b>	max. 10 mA
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### Ambient conditions

<b>Protection class</b>	IP54
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<b>Operating temperature</b>	–20°C to +60°C
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<b>Air humidity</b>	< 90%, rel., non-condensing
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### Standards

<b>Immission</b>	EN 61000-6-2
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<b>Emission</b>	EN 61000-6-3
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### Note

Technical details and recommendations on our products are based upon experience and represent guidelines for the user. Details in brochures and specification sheets do not guarantee any special product features, apart from those which we confirm in individual cases. We reserve the right to make changes as the result of technical developments.