



# EMK 46 ATZ surface-mount magnetic contact



- ▶ Conventional surface-mount magnetic contact
- ▶ VdS class B
- ▶ Head-on or parallel installation
- ▶ Conventional perimeter protection

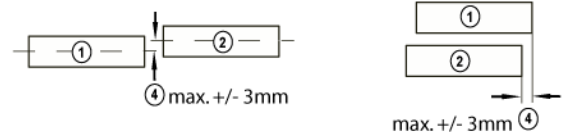
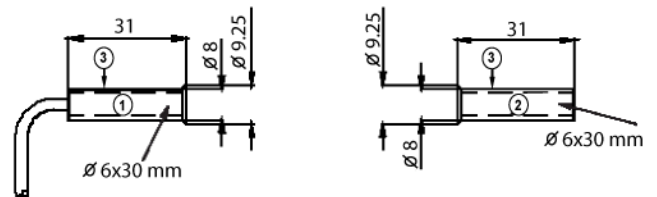
Conventional magnet contacts are used for tear-off surveillance of doors and windows.

## Certifications and Approvals

Country	Certification	EMK 46 ATZ
DE	VdS	G 191563, B

## Installation/Configuration Notes

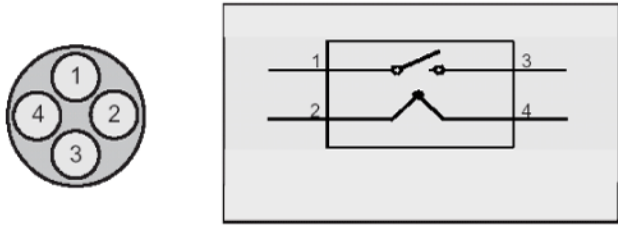
Installation can be parallel or head-on in the door frames or window frames. When used with metal frames, the plastic parts for underneath must be used.



- 1 Contact
- 2 Magnet
- 3 Sleeve
- 4 Installation offset

## Terminal strip/Connection cable

The supply lines need to be measured electrically before connection.

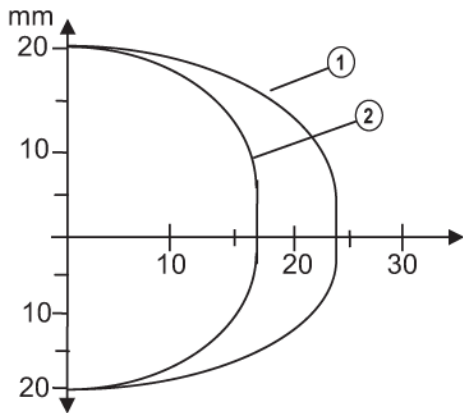


### Flush-mount installation

Installation in **ferromagnetic materials** is not permissible.  
 Installation can be done optionally with or without plastic sleeves. If no plastic sleeve is used, the built in parts should be fixed in the holes.

### Distances diagram

(Head-on installation with 6x30mm magnet)



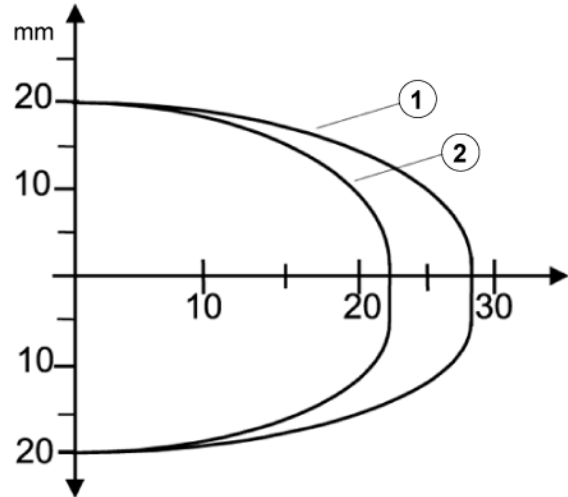
- 1 Extraction
- 2 Proximity switch part

### Surface-mount installation

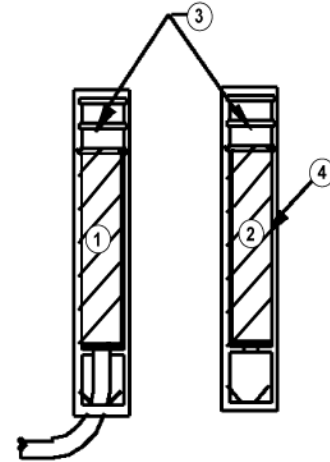
The contact and the magnet (6x30mm) can only be inserted in the surface mounting housing in conjunction with the plastic sleeve.

### Distances diagram

(Surface-mount installation with 6x30mm magnet)



- 1 Extraction
- 2 Proximity switch part

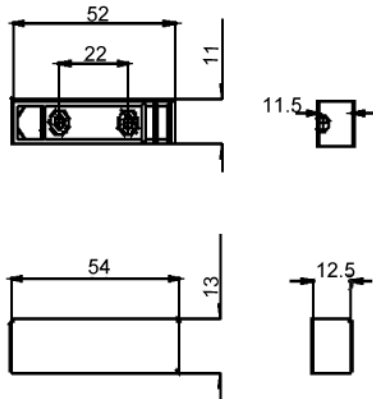


Lateral installation offset: max +/- 3mm.

- 1 Contact
- 2 Magnet
- 3 Leave 2 grids free
- 4 Magnet in plastic sleeve

### Surface-mounting housing

Case lower part/cap



### Parts Included

Type	Qty.	Components
EMK 46 ATZ	1	Surface-mount magnetic contact incl. flange, sleeves, and surface mounting housing with accessories

### Technical Specifications

Type of installation	Surface-mount, head-on or parallel
Permitted operating voltage	max. 40 V <sub>~</sub>
Contact type	1-pin open contact
Permitted contact load	6 VA max. 100 V <sub>~</sub> max. 500 mA
Protective system	IP 67 VdS environmental class IV
Permissible ambient temperature	-25 °C to +70 °C
Case	
Material	ABS
Color	White
Dimensions	
Contact	6 x 30mm (Ø x L)
Magnet	6 x 30mm (Ø x L)
Plastic sleeve	8 x 31mm (Ø x L)
Connection cable	3.2 mm, 6 m long
Surface mounting housing	
Base (LxWxH)	52 x 11 x 11.5 (mm)
Cap LxWxH	54 x 13 x 12.5 (mm)
3x base	2mm
1 base	6mm

### Ordering Information

EMK 46 ATZ surface-mount magnetic contact 4998026046

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