

# ISC-PMC-F3S Magnetic contact EN-G3, flush mount

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- ▶ Flush mount magnetic contact
- ▶ Front-end-position mounting
- ▶ Specially for mounting in ferromagnetic materials
- ▶ EN50131-2-6 Grade 3

Conventional magnetic contacts are used for opening surveillance of windows and doors.

## Functions

The magnetic contact monitors the opening of windows and doors in security applications.

## Certifications and approvals

Region	Regulatory compliance/quality marks	
Germany	VdS	[MS-LZS, MSA-LZS]
Europe	CE	ISC-PMC-SF2S, ISC-PMC-F3S, ISC-PMC-S3S, ISC-PRS-S2S, ISC-PRS-S3S
	EN50131 1	G191100 [ISC-PMC-F3S]
Russia	GOST	EAC

## Installation/configuration notes

- Magnetic contact and magnet are mounted in a front-end-position in window frames, window casements, doors and door frames.
- The magnet needs to be mounted in the supplied plastic tube.

- The magnetic contact and the magnet can also be mounted without the flanges by inserting them into pre-drilled holes.
- If the magnetic contact is mounted in ferromagnetic materials, the optional flush mount flanges have to be used.
- When the optional flush mount flanges are used, a material thickness of 0.5 to 2.3 mm is required for correct snapping.

## Parts included

Quantity	Component
1	Magnetic contact

## Technical specifications

### Electrical

Maximum load in W	3
Minimum switching current in mA	0.01
Maximum switching current in mA	100
Maximum switching voltage in VDC	30

**Mechanical**

Installation type	Recess mount, front-end
Reed contacts	Shutter changer
Material (magnet)	AlNiCo 500
Dimension in cm (Ø x D) (switch)	0.8 x 3
Dimension in cm (Ø x D) (magnet)	0.8 x 2
Minimum axial installation distance in cm	0.5
Maximum axial installation distance in cm	1.2
Material (cable)	ABS
Color	White
Cable type	LiYY-ZGL 4 x 0.14 mm <sup>2</sup> , suitable for LSA-PLUS insulation displacement technology

Cable length in m	1
Switch cycles	10 <sup>7</sup>

**Environmental**

Minimum operating temperature in °C	-25
Maximum operating temperature in °C	70
Protection class	67
Environmental class (VdS)	III
Environmental class (EN)	IIIa

**Ordering information**

**ISC-PMC-F3S Magnetic contact EN-G3, flush mount**  
 Flush mountable magnetic contact.  
 Order number **ISC-PMC-F3S**

**Represented by:**

**Europe, Middle East, Africa:**  
 Bosch Security Systems B.V.  
 P.O. Box 80002  
 5600 JB Eindhoven, The Netherlands  
 Phone: + 31 40 2577 284  
 emea.securitysystems@bosch.com  
 emea.boschsecurity.com

**Germany:**  
 Bosch Sicherheitssysteme GmbH  
 Robert-Bosch-Ring 5  
 85630 Grasbrunn  
 Germany  
 www.boschsecurity.com

**North America:**  
 Bosch Security Systems, Inc.  
 130 Perinton Parkway  
 Fairport, New York, 14450, USA  
 Phone: +1 800 289 0096  
 Fax: +1 585 223 9180  
 onlinehelp@us.bosch.com  
 www.boschsecurity.us

**Asia-Pacific:**  
 Robert Bosch (SEA) Pte Ltd, Security Systems  
 11 Bishan Street 21  
 Singapore 573943  
 Phone: +65 6571 2808  
 Fax: +65 6571 2699  
 apr.securitysystems@bosch.com  
 www.boschsecurity.asia