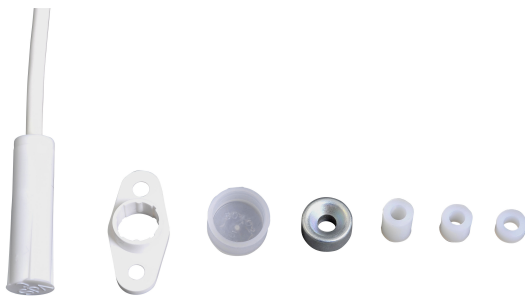


ISC-MCOLS3-S Opening and closure monitoring contact

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BOSCH
Invented for life



- ▶ Suitable for windows with locking latch
- ▶ Largely impervious to external fields
- ▶ Head-on installation
- ▶ Tamper switch
- ▶ VdS class C/EN 50131-2-6 Grade 3

The contact is intended for monitoring the opening and closure of windows.

Functions

External fields are monitored by two contacts positioned in a row, kept under tension by magnets. The tamper switch (N/C) must be assigned to its own tamper group.

The magnetic contact consists of a magnetic switch and an actuating magnet. The switch contains two reed contacts that are cast in a plastic housing.

Contact 1 closes when a sufficiently large magnetic field (actuating magnet) is present. If the magnetic field is removed, then contact 2 opens.

Contact 2 closes if an external magnet is in close proximity or if the actuating magnet has not been correctly installed.

Certifications and approvals

Region	Certification	
Germany	VdS	G113044

Europe	CE	ISC-MCOLS3-S
	EN50131	ISC-MCOLS3-S

Region	Regulatory compliance/quality marks	
Germany	VdS	
Europe	CE	[ISC-MCLS3-S, ISC-MCOLS3-S, ISC-RSC2-S, ISC-RSC3-S]
	EN50131	
Russia	GOST	EAC

Installation/configuration notes

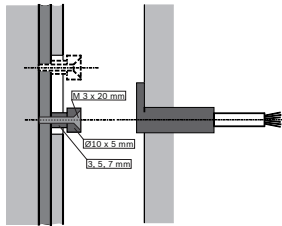
Installation information

- By mounting the magnet on the window locking latch and mounting the switch on the window frame, combined monitoring of both opening and closing can be obtained.
- During the quotation stage, a check should be performed to ascertain whether the windows to be monitored are suitable for the contact. The contact is

only designed for head-on mounting and can also be retrospectively mounted in windows that are already installed.

- Installation should be coordinated with the window supplier, so as not to endanger any potential warranty claims.

Installation layout



Parts included

Quantity	Component
1	Combined opening and closure monitoring contact with magnet incl. screws and spacers

Technical specifications

Electrical

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

Mechanical

Dimension in cm (Ø x D) (switch)	0.8 x 3
Dimension in cm (H x W x D) (magnet)	1 x 0.36 x 0.5

Material (magnet)	Neodymium
Reed contacts	Normally open
Switch cycles	10 ⁷
Color	White (RAL 9003), brown (RAL 8016)
Cable type	LIYY 4 x 0.14 mm ²
Cable length in m	6

Environmental

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

Ordering information

ISC-MCOLS3-S Opening and closure monitoring contact

For monitoring the opening and closure of windows with locking latch, tamper-proof design, head-on mounting

Order number **ISC-MCOLS3-S**

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