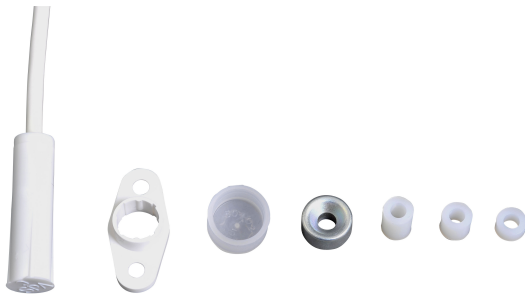


ISC-MCOLS3-S opening and closure monitoring contact

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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, EN50131-2-6 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

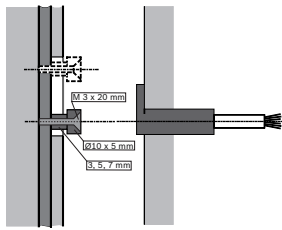
Europe	CE	ISC-MCOLS3-S
	EN50131	ISC-MCOLS3-S

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

Type	Qty.	Components
ISC-MCOLS3-S	1	Combined opening and closure monitoring contact with magnet incl. screws and spacers

Technical specifications

Switch dimension	Diameter: 8 mm x 30 mm
Magnet	Diameter: 10 mm x 3.6 mm x 5 mm (neodymium)
Reed contacts	Normally open contact
Rating	≤ 3 W
Over threshold voltage	≤ 30 V DC
Over threshold current	10 µA up to 100 mA
Switch tolerance	≥ 10 ⁷
Environmental class	VdS: III – EN: IIIa
Temperature range	-40 °C to +70 °C
Protection category	IP 67
Colors	White (RAL 9003), brown (RAL 8016)
Connection cable	LIYY 4 x 0.14 mm ²
Cable length	Standard length 6 m (other lengths on request)
VdS class	C

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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