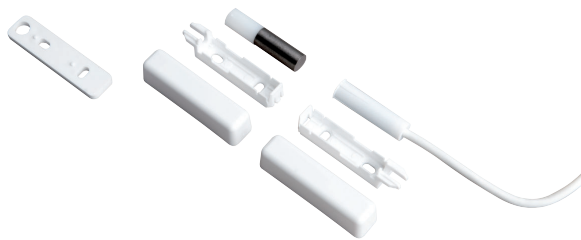


ISP-MCS3-FP110 LSN Surface-Mount Magnetic Contact

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Invented for life



- ▶ LSN surface-mount magnetic contact for release monitoring of doors and windows
- ▶ Tamper supervision
- ▶ Parallel mounting
- ▶ Installation in ferromagnetic materials is permissible by using the EG2 flush mounting housing
- ▶ For connecting to LSN security systems

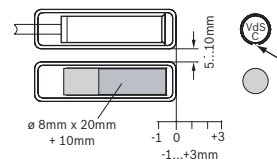
The LSN surface-mount magnetic contact is used for release monitoring of doors and windows. The contact is tamper-supervised. If an external magnet comes close, the tamper contact is activated and causes a report. Parallel mounting.

- Installation in ferromagnetic materials (metal flush mounting) is only permissible with the optional EG2 flush mounting housing.

Certifications and approvals

| Region | Certification |
|---------|---|
| Germany | VdS G111020 [ISP-MCB3-FP110] |
| Europe | CE [ISP-MCB2-FP110, ISP-MCB3-FP110, ISP-MCS2-FP110, ISP-MCS3-FP110] |
| Poland | TE-CHOM 07-16-o [ISP-MCS3-FP110] |

Installation distances



Installation/configuration notes

Installation information

- The magnetic contact and magnet are installed parallel to each other on window or door frames and window or door jambs.
- When inserting the contact, the mounting marking has to face the magnet.
- The magnet should be fixed in a bore.

Connecting LSN contacts

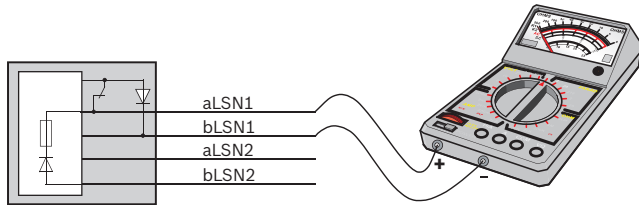
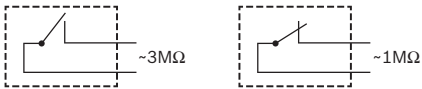
- Each LSN contact is a physical LSN element (1 out of 127 possible per loop).
- Include the length of LSN contact connection cables when planning the total line length of the LSN loop, as the LSN technology is integrated in these contacts.
- Position passive elements for connecting the connection cables to the installation cable as close as possible to the LSN contacts, as a 1m connection cable with 2m LSN cable length is included in the calculation of the LSN cable length (LSN is fed into the contacts and back out again).
- Connector boxes (optional) are classified as installation material.

Checking the switch function of the contact

a) Use a high-ohm multimeter or continuity checker (for diode paths) to check the function of the LSN contact:

- contact open: approximately 3 megaohm
- contact closed: approximately 1 megaohm

The resistance values are approximate. A large change in resistance is significant.



Notice

Only the LSN contact can be checked like this. The tamper contact can be checked via the LSN control center or with the LSN checking device (as of software version 3.x).

Parts included

| Quantity | Component |
|----------|----------------------|
| 1 | 4 m connection cable |
| 1 | Magnet |
| 1 | Enclosure |
| 1 | Installation note |

Technical specifications

Electrical

| | |
|-----------------------------------|-------------------|
| Minimum operating voltage in VDC | 15 |
| Maximum operating voltage in VDC | 33 |
| Maximum current consumption in mA | 0.25 |
| Reed contact | NO |
| Switch tolerance | ≥ 10 ⁷ |

Mechanical

| | |
|-----------------------------|-------------------|
| Dimension in cm (H x W x D) | 1.2 x 1.18 x 4.28 |
| Dimension in cm (Ø x D) | 0.8 x 3.0 |
| Material | AlNiCo 500 |
| Housing material | ABS |

| | |
|------------------|--|
| Color | white |
| Connection cable | LiY(St)Y 4 x 0,22 mm ² with shield, exterior Ø 3,2 mm, length 4 m |

Environmental

| | |
|-------------------------------------|-------|
| Minimum operating temperature in °C | -25 |
| Maximum operating temperature in °C | 70 |
| Protection class | IP 68 |
| Environmental class | III |

Ordering information

ISP-MCS3-FP110 LSN Surface-Mount Magnetic Contact

For monitoring the opening of doors and windows, tamper-supervised, parallel mounting
Order number **ISP-MCS3-FP110**

Accessories

EG2 flush mounting housing

For flush mounting the magnetic contact in ferromagnetic materials, head-on installation
Order number **4998138932**

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