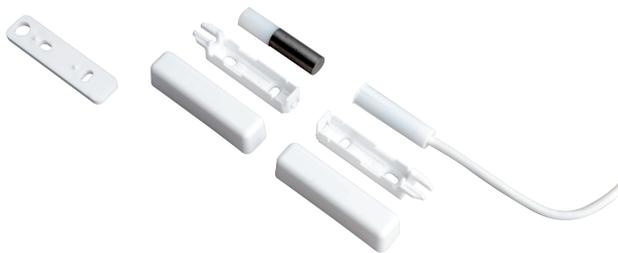


## ISP-MCS3-FP110 LSN magnetic contact, built-in, EN-G3



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.

### Regulatory information

Region	Regulatory compliance/quality marks	
Europe	CE	[ISP-MCB2-FP110, ISP-MCB3-FP110, ISP-MCS2-FP110, ISP-MCS3-FP110]
Russia	GOST	TC N RU Д-НЛ.МН09.В.00334 EAC
Poland	TECHOM	07-16-o [ISP-MCS3-FP110]
Germany	VdS	G111020 [ISP-MCB3-FP110]

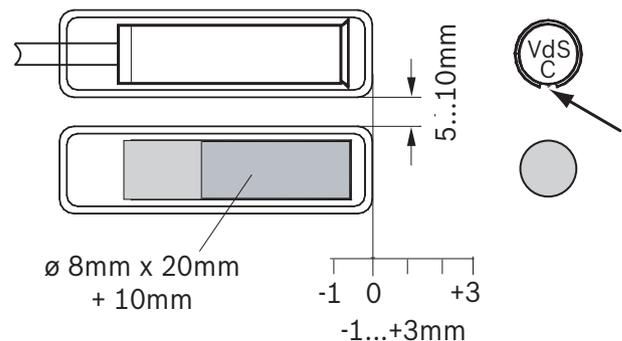
### Installation/configuration notes

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

- ▶ 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

#### Installation distances



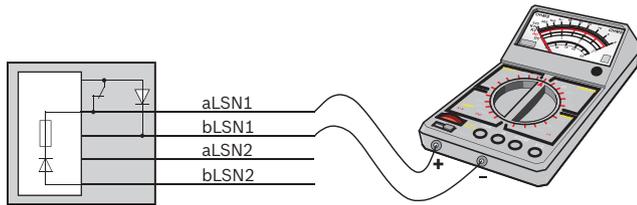
#### Connecting LSN contacts

- 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 passive 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

- 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.



**i 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	$\geq 10^7$

**Mechanical**

Dimension in cm (H x W x D)	1.2 x 1.18 x 4.28
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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 <sup>2</sup> 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 magnetic contact, built-in, EN-G3**

For monitoring the opening of doors and windows, tamper-supervised, parallel mounting  
 Order number **ISP-MCS3-FP110 | F.01U.099.284**

**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  
[www.boschsecurity.com/xc/en/contact/](http://www.boschsecurity.com/xc/en/contact/)  
[www.boschsecurity.com](http://www.boschsecurity.com)

**Germany:**  
 Bosch Sicherheitssysteme GmbH  
 Robert-Bosch-Ring 5  
 85630 Grasbrunn  
 Tel.: +49 (0)89 6290 0  
 Fax: +49 (0)89 6290 1020  
[de.securitysystems@bosch.com](mailto:de.securitysystems@bosch.com)  
[www.boschsecurity.com](http://www.boschsecurity.com)

**North America:**  
 Bosch Security Systems, LLC  
 130 Perinton Parkway  
 Fairport, New York, 14450, USA  
 Phone: +1 800 289 0096  
 Fax: +1 585 223 9180  
[onlinehelp@us.bosch.com](mailto:onlinehelp@us.bosch.com)  
[www.boschsecurity.com](http://www.boschsecurity.com)

**Asia-Pacific:**  
 Robert Bosch (SEA) Pte Ltd, Security Systems  
 11 Bishan Street 21  
 Singapore 573943  
 Phone: +65 6571 2808  
 Fax: +65 6571 2699  
[www.boschsecurity.com/xc/en/contact/](http://www.boschsecurity.com/xc/en/contact/)  
[www.boschsecurity.com](http://www.boschsecurity.com)