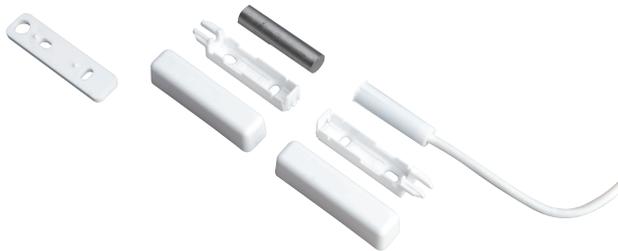


ISP-MCS2-FP110 LSN magnetic contact, built-in, EN-G2



- ▶ LSN surface-mount magnetic contact for release monitoring of doors and windows
- ▶ Parallel mounting
- ▶ Installation in ferromagnetic materials is permissible by using the EG1 flush mounting housing
- ▶ For connecting to LSN security systems

The LSN surface-mount magnetic contact is used for release monitoring of doors and windows. Parallel mounting.

Regulatory information

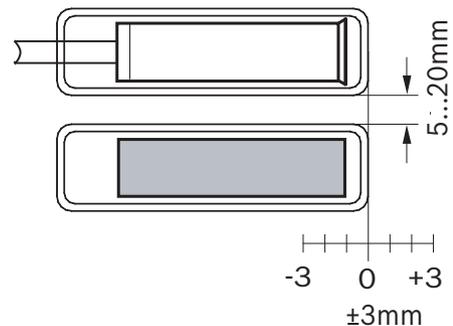
Region	Regulatory compliance/quality marks	
Europe	CE	[ISP-MCB2-FP110, ISP-MCB3-FP110, ISP-MCS2-FP110, ISP-MCS3-FP110]
Germany	VdS	G111502 [ISP-MCB2-FP110]

Installation/configuration notes

Installation information

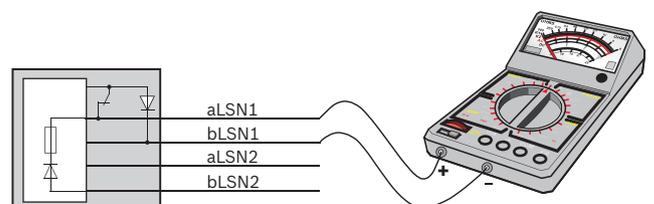
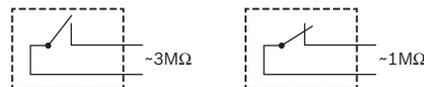
- The magnetic contact and magnet are installed parallel to each other on window or door frames and window or door jambs.
- The magnet should be fixed in a bore.
- Installation in ferromagnetic materials (metal flush mounting) is only permissible with the optional EG1 flush mounting housing.

Installation distance



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.



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.

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
Dimension in cm (\emptyset x D)	0.8 x 3.0
Material	AlNiCo 500

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/
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
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
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/
www.boschsecurity.com

Housing material	ABS
Color	white
Connection cable	LiY(St)Y 4 x 0,22 mm ² with shield, exterior \emptyset 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-MCS2-FP110 LSN magnetic contact, built-in, EN-G2**

For monitoring the opening of doors and windows, parallel mounting

Order number **ISP-MCS2-FP110** | **F.01U.099.235**