

ISP-MCB2-FP110 LSN magnetic contact, built-in, EN-G2



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

The LSN built-in magnetic contact is used for release monitoring of doors and windows. Head-on flush mounting.

Regulatory information

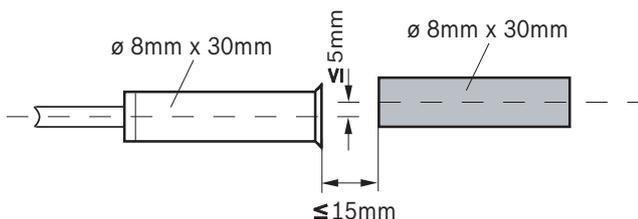
Region	Regulatory compliance/quality marks	
Europe	CE	[ISP-MCB2-FP110, ISP-MCB3-FP110, ISP-MCS2-FP110, ISP-MCS3-FP110]
	EN50131	G111502 [ISP-MCB2-FP110]
Russia	GOST	TC N RU Д-НЛ.МН09.В.00334 EAC
Germany	VdS	G111502 [ISP-MCB2-FP110]

Installation/configuration notes

Installation information

- The magnetic contact and magnet are installed head on in 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.

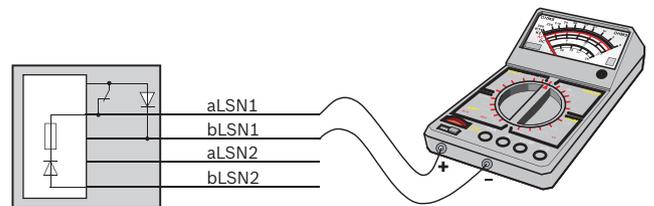
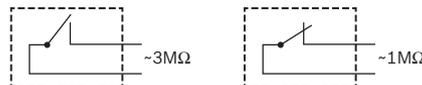
Installation distance



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	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
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-MCB2-FP110 LSN magnetic contact, built-in, EN-G2

For release monitoring of doors and windows, head-on mounting

Order number ISP-MCB2-FP110 F.01U.099.234	Asset Key 4425	Vepos 7314
--	--------------------------	----------------------

Accessories

4998138931 Housing, flush mount, EG1

For flush mounting the magnetic contact in ferromagnetic materials, head-on installation

Order number 4998138931 4.998.138.931	Asset Key 4425	Vepos 6904
--	--------------------------	----------------------

4998138932 Housing, flush mount, w. magnet, EG2

For flush mounting the magnetic contact in ferromagnetic materials, head-on installation

Order number 4998138932 4.998.138.932	Asset Key 4425	Vepos 6905
--	--------------------------	----------------------

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