SKI-100L-LSN Bolt contact, indoor, LSN

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Invented for life

- Bolt contact in LSN technology
- For connecting to a LSN intrusion control panel
- VdS class C
- LSN perimeter protection

Bolt contacts are used for monitoring the closure of doors.

Certifications and approvals

Region	Regulatory compliance/quality marks	
Germany	VdS	G101010, C SKI 100 LSN G 101010
	VdS	G 100008, C [Bus connector 55]
	VdS	G 100010, C [Bus connector 120]
	VdS	G 100009, C [Bus connector 80]
Europe	CE	SKA/SKI LSN

Installation/configuration notes

Installation considerations

- Installation is carried out in the door bolt with the bolt contact being activated by the tongue of the lock. It should be kept in mind that only the second turn of the key in the lock actually activates the contact. To make any necessary adjustments, the bolt contact's operating spring lever can be bent.
- When installing in fire protection doors, please ensure that no mechanical changes, except for the fastener bores, are carried out on the door frames.

Connecting LSN contacts

- Each LSN contact is a physical LSN element (1 out of 127 possible per loop).
- The length of LSN contact connection cables must be included when planning the total line length of the LSN loop, as LSN technology is incorporated in these detectors.
- Passive coupling elements for joining the connection cables to the installation cable must be placed as close as possible to the LSN contacts. The 1 m connection cable with 2 m LSN cable length is included in the calculation of the LSN cable length (LSN is carried into the contacts and back out again).
- Connector boxes (optional) are classified as installation material.

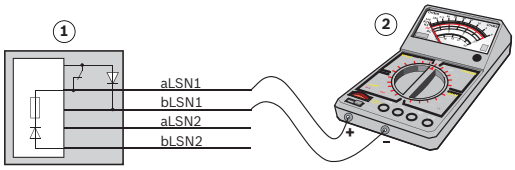
Local Security Network LSN

In case of wire breakage/short circuit all LSN – elements in the LSN Ring remain under observation. In this case, the system automatically builds two transmission lines which undertake the observation from both sides to the defective location.

Testing LSN contacts

- Reed switch and microswitch functions can be checked before installation by a high-Ohm multimeter or continuity checker (for diode paths).

- The resistance values are approximate values; a large change in resistance is significant here.



1 Detector

2 High-Ohm multimeter
Contact open: approx. 3 megaohm
Contact closed: approx. 1 megaohm

Only the intrusion contact can be checked in this way. The tamper switch of the Class C magnetic contact can be checked by the LSN control panel or with the LSN testing device (software version 3.x onward).

Parts included

Quantity	Component
1	Bolt contact for interior doors, without cable

Technical specifications

Electric

Operating voltage	15 VDC - 33 VDC
Current consumption	0,4 mA

Mechanical

Type of installation	Flush
Enclosure	
• Material	Steel plate
• Color	Gray
Dimensions (H x W x D)	
• Without operating lever	37 mm x 10 mm x 19 mm
• With operating lever	74 mm x 10 mm x 19 mm
• Connection cable	-

Environmental

VdS environmental class	II
Protective system	IP 54
Permitted ambient temperature	-25° C - 55° C

Ordering information

SKI-100L-LSN Bolt contact, indoor, LSN
LSN bolt contact for indoor use.
Order number **SKI-100L-LSN**

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