

# SKA 100 LSN

## Bolt contact



Security Systems



- Bolt contact in LSN technology
- For connecting to an LSN intrusion panel
- LSN Perimeter protection

Bolt contacts are used for monitoring the closure of doors.

### Parts Included

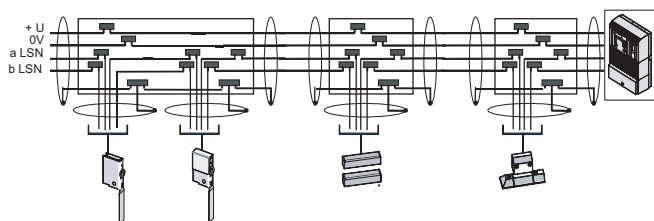
| Qty. | Components                                              |
|------|---------------------------------------------------------|
| 1    | SKA 100 LSN Bolt contact for exterior doors, with cable |

### Certificates and Approvals

VdS approval No.r: G 101009, C

### Installation/Configuration Notes

#### Connecting LSN contacts



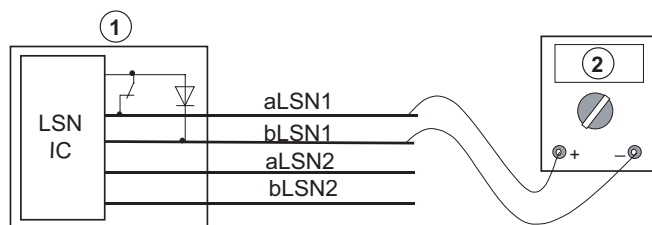
- Every LSN contact is a physical LSN element (1 out of 127 possible per loop).

- The length of LSN connection cables must be included when planning the total line length of the LSN loop since LSN technology is integrated into 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 since 1m connection cable with 2m 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 are classified as installation material.
- When using flush- and surface mount magnetic contacts, please be aware that installation in **ferromagnetic materials** is not permissible for either the contact or the magnets. LSN MSE-LSN B 4w magnetic contacts in conjunction with EG1 and MSE-LSN C 4w with EG2 are an exception to this. When using MSA-LSN B 4w and MSA-LSN C 4w surface-mounting magnetic contacts, installation is carried out on ferromagnetic materials via the AG 4 surface-mounting housing.

### Testing of 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 rough values; a large change in resistance is significant here.



- 1 Detector
- 2 Multimeter:  
Contact open: approx. 3 MOhm  
Contact closed: approx. 1 MOhm

**Notice:** Only the intrusion contact can be checked in this way. The tamper contact of the Class C magnetic contact can currently only be checked by the LSN control panel.

Installation is done in the door bolt with the bolt contact being activated by the tongue of the lock. Care should be taken 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.

### Technical Specifications

| SKA 100 LSN Bolt contact for exterior doors, with cable |                                                                   |
|---------------------------------------------------------|-------------------------------------------------------------------|
| Type of installation                                    | Built-in                                                          |
| LSN Operating voltage                                   | 15V to 33V                                                        |
| - Current consumption                                   | 0.4 mA                                                            |
| Protective system                                       | IP 67                                                             |
| Permitted                                               | VdS environmental class III                                       |
| Ambient temperature                                     | -25 °C...+70 °C                                                   |
| 0°C - 40°C                                              |                                                                   |
| Housing                                                 |                                                                   |
| Material                                                | Steel plate                                                       |
| Color                                                   | Gray                                                              |
| Dimensions                                              |                                                                   |
| Without operating lever                                 | Dimensions (WxHxD)                                                |
| With operating lever                                    | 10x74x19mm (WxHxD)                                                |
| Connection cable                                        | Ø 3.2 mm, 4 m long                                                |
| Wire colors                                             | aLSN1 : green<br>bLSN1 : brown<br>aLSN2 : green<br>bLSN2 : yellow |

### Ordering Information

SKA 100 LSN For exterior doors, bolt contact with cable 4.998.014.066

Bosch Security Systems

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