

# Security Products

## Lock Bolt Switching Contact WRK

### Technical Data



#### Application

The Lock Bolt Switching Contact is used for monitoring locks on doors, gates and hatches. The actuation of the Lock Bolt Switching Contact is implemented by a lock bolt or a push rod. The signal is evaluated with intrusion alarm panels in locking circuits for the implementation of building-related unavailability compliance.

#### Function

The switching element of the Lock Bolt Switching Contact is a micro-switch with a two-way contact. The switching point can be adjusted using a five-way latching disc. The device is supplied in switch position 1. Setting of the switch position (see figure 4). Furthermore, the switching lever can be extended with a lever extension (metal or plastic) (see figure 5).

#### Detail

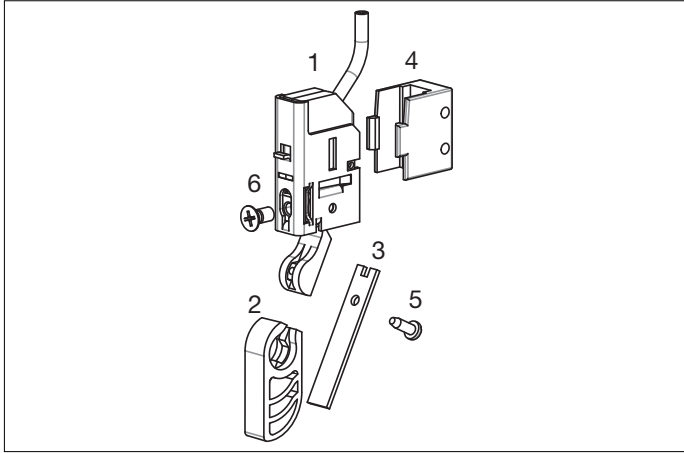
Due to its compact design, the Lock Bolt Switching Contact can simply be mounted behind any strike plate (see figure 3). The Lock Bolt Switching Contact is available with sealed connection cable (WRK/W) or with soldering terminals (WRK).

#### Installation

The Lock Bolt Switching Contact is mounted inside the strike plate of the door frame (see figure 3). The hole spacing in the strike plate is  $11 \pm 1.5$  mm. Installation in the strike plate and installation of the lever extension may only be undertaken with the supplied screws. As an alternative, the Lock Bolt Switching Contact can be installed on the base of the bolt pocket using the plastic bracket (see figure 3). Furthermore, the plastic bracket can be used for creating a conductor loop.

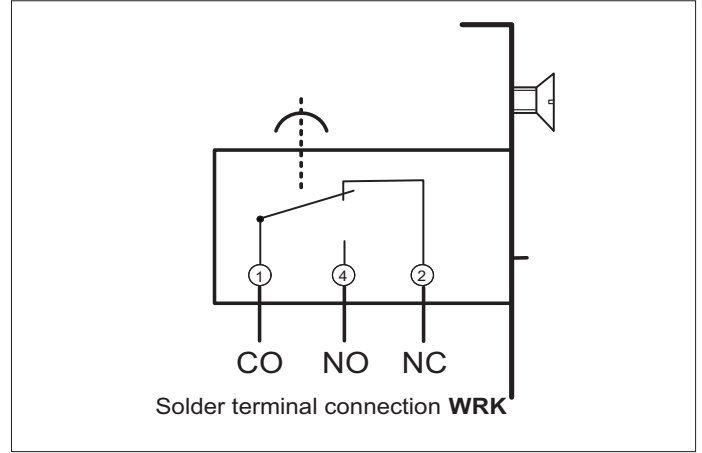
# Lock Bolt Switching Contact WRK

## Scope of delivery



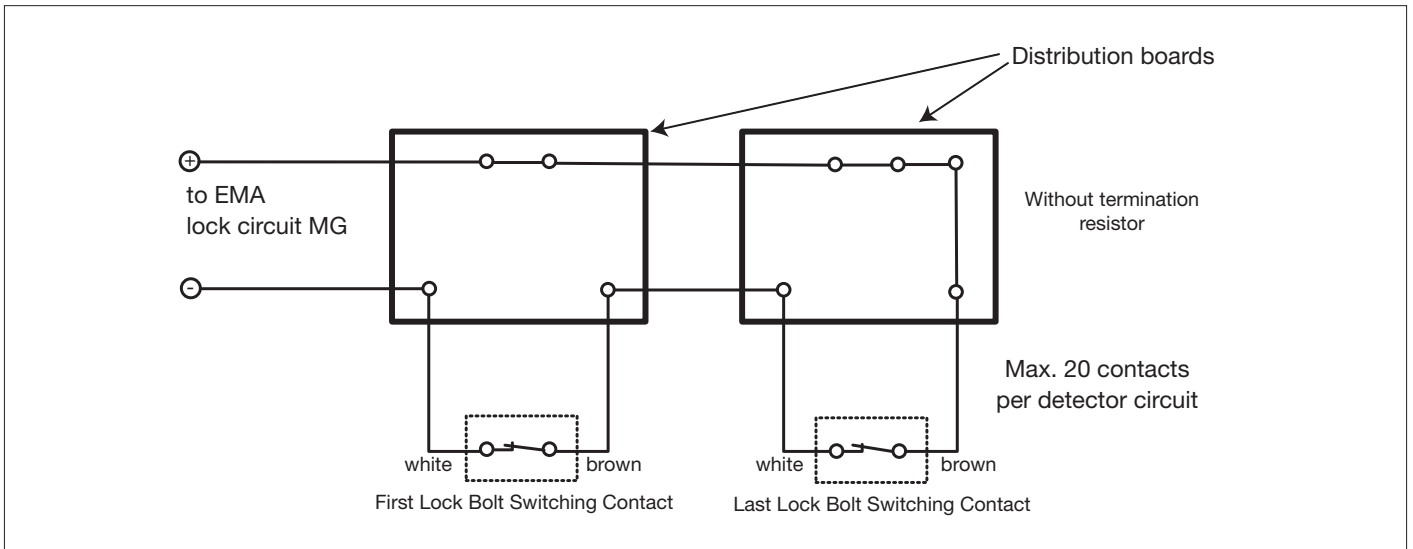
1. Lock bolt switching contact
2. Lever extension (plastic)
3. Lever extension (metal)
4. Plastic bracket
5. Tapping screws 2.2 x 4.5
6. Countersunk screw M3 x 6

## Circuit diagram



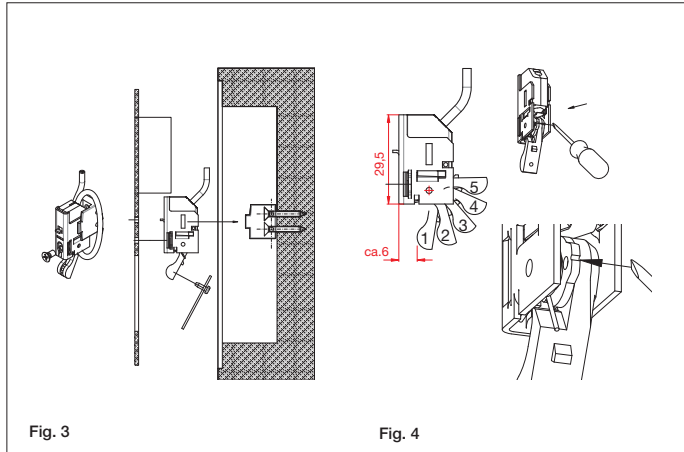
- Connection colours WRK/W
- (CO) Common – white
  - (NC) normally closed – green
  - (NO) normally opened – brown

## Circuit diagram

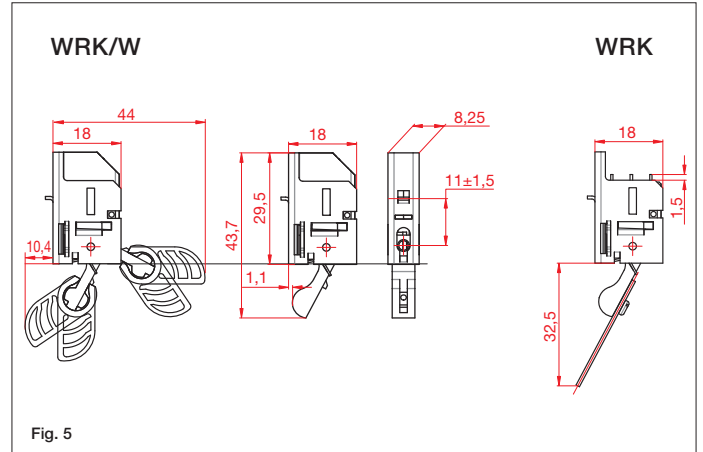


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## Installation example



## Dimensions



## Note:

The adjustment shown in figure 4 can also be undertaken in the installed state.

## Technical data

	WRK/W	WRK
Contact type	1 changeover (two-way)	1 changeover (two-way)
Switching point	Adjustable	Adjustable
Contact load	max. 3 W/VA	max. 3 W/VA
Switching voltage	max. 30 VDC	max. 30 V DC
Switching current	5 – 300 mA	5 – 300 mA
Operating temperature	- 25 °C + 70 °C	- 25 °C + 70 °C
Enclosure	IP67	IP50
Installation location	Interior and exterior doors	Interior doors
Connection	LIYY 3 x 0.14 mm <sup>2</sup> , 2.5 m	Solder connection
Approval	No. G 107060	No. G 107060

## Ordering details

Description	Short description	Order code	bbn 40 16779 EAN	Price group	Weight 1 pcs kg	Pack unit pcs.
Lock Bolt Switching Contact, with soldering terminals	WRK	2CDG 250 002 R0011	66403 5	50	0.02	1
Lock Bolt Switching Contact, with 2.5 m connection cable	WRK/W	2CDG 250 003 R0011	66404 2	50	0.02	1

# Contact

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