

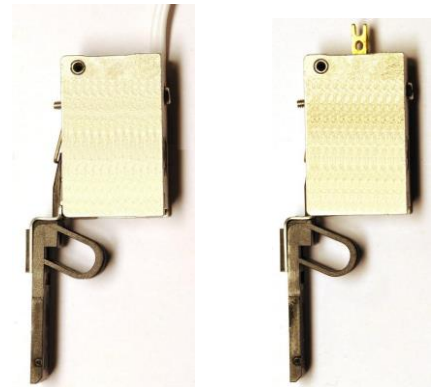
1 Product Description

The bolt contact RK-Lever is a switch that can be used to monitor the locking of doors. There is one variant available with cable (404057.0) and one variant with solder connection (404057.5). It is installed inaccessible and protected behind the striking plate. When the door is locked, it is operated by the lock bolt. The RK-Lever is characterized by its particularly small installation dimensions. The clip-on lever extension covers a wide range of different bolt sizes, lengths and positions.

Thin webs are provided on the lever extension, which can be easily cut with a side cutter to enable optimal locking of the bolt. The switching point of the RK-Lever in relation to the striking plate can be set with an easily accessible screw using a commercially available screwdriver in the range 8 ... 20 mm, measured at point "A" (end of the switching lever).



Attention: According to VdS, contacts with a soldered connection must not be used in external doors.



404057.0

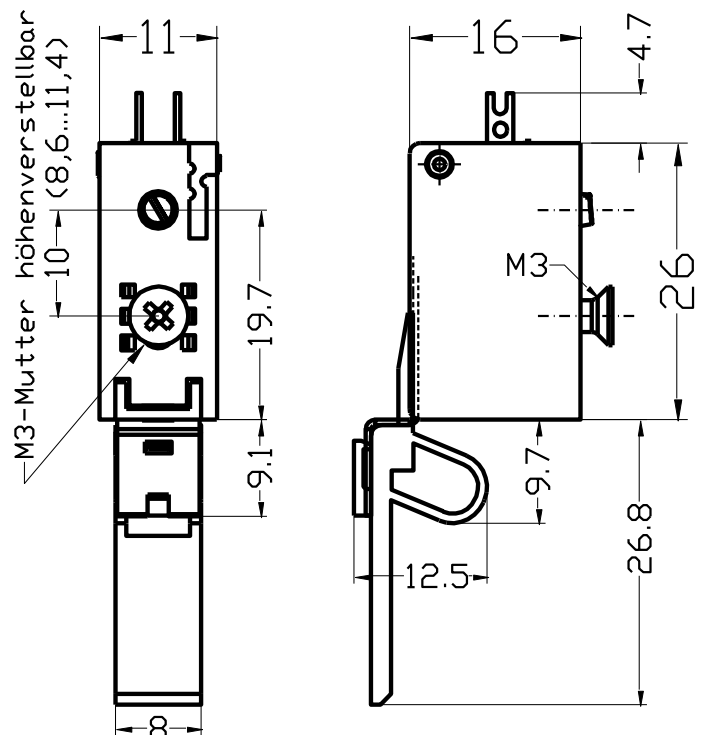
404057.5

2 Dimensions / Installation

The standard installation takes place behind the front of the striking plate. There must be enough space behind the striking plate for the bolt contact housing and for the pivoting of the switching lever (see dimensions).

Two $\varnothing 3.2$ mm holes 10 mm apart from each other are required for installation. One bore hole is used for the M3 fastening screw. The thread nut inside the bolt contact can be moved in the range of 8.6 ... 11.4 mm. The second bore hole enables the adjusting of the bolt switching contact and also serves as protection against twisting.

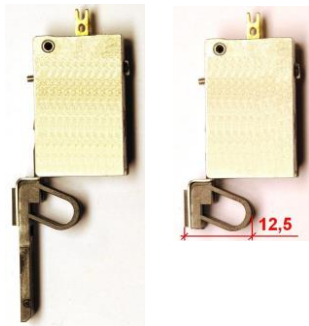
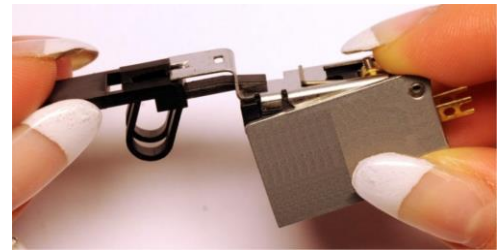
Attention: The bolt switching contact may only be installed with the enclosed screws.



An assembly aid tool for easy assembling is included. This, inserted into the bolt switching contact, enables easy handling and positioning of the bolt switching contact behind the striking plate.

3 Lever Extension

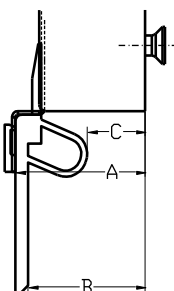
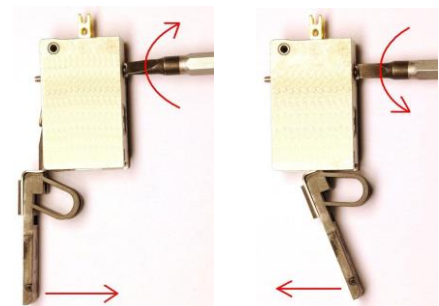
The lever extension can be used depending on the distance to the bolt or the penetration depth of the bolt into the lock pocket. The lever extension is attached to the switching lever in the longitudinal direction. Make sure that the pointed end of the lever extension is pushed under the spring (above the switching lever).



The bolt detection can be optimized by adapting the lever extension. Parts that are not required can be cut off.

4 Set Switching Point

The resting position of the switching lever can be set by turning the adjusting screw when it is installed.



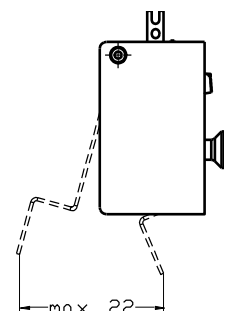
The setting range for the resting position is shown in the following table.

Point	Adjustment range	Max. actuation path
A	8 ... 20 mm	30 mm
B	0 ... 18 mm	33 mm
C	-2 ... 9 mm	18 mm



The switching point lies with an actuation path of approx. 2 ... 4 mm from the resting position, based on point "A" (end of the switching lever), regardless of the set position of the switching lever.

The actuation path of the switching lever lies at a maximum of 22 mm.



5 Technical Data

- Dimensions:
Housing: W 11 x H 26 x D 16 mm
Lever Extension: W 8 x L 9,1...26,8 mm
- Max. actuation path: 22 mm
Switching point reached after 2 - 4 mm
- Contact type: Closed when actuated
- Contact load capacity: max. 30 V, 0,3 A
- Contact resistance: max. 200 mΩ
- Connecting cable: 2 x 0,14 mm², 6,0 m, white
- Housing material: Die-cast zinc, grey
- Working temperature: -40° C to +70° C
- Protection class with molded cable: IP 67
- Protection class with solder connection: IP 00
- Environmental class: III