## Roof exit switch US-3-R/US-6-R

# Operating instructions

> **Before installation, read these instructions carefully and completely.**

## 1  General

The roof exit switch *US-3-R/US-6-R* (3/6-position switch) is connected to the line for automatic detectors of an SHE control centre. When activated, the alarm function of the control centre is activated to open the SHV. The roof domes opened in this way can then be used as roof exits.

The alarm function can only be reset by turning the roof exit switch back to the zero position. The domes can then only be closed manually using the ventilation button or by activating the "Auto Close" function of the control centre.

> **Do not change the setting of the selector switch on the connection board.
> Before operating, check whether alarm forwarding needs to be deactivated and ensure that no damage can be caused by wind/rain.
> There is a risk of crushing and trapping when closing roof domes! Therefore, it is essential to ensure that no persons are in the vicinity of the roof exit.**
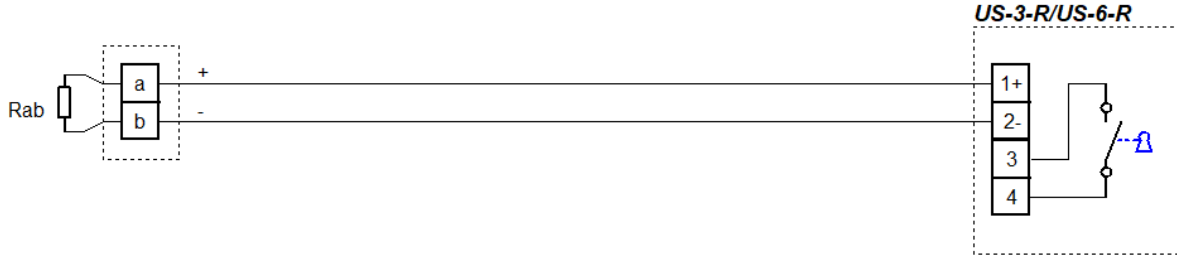
## 2  Technical data

| Type | **US-3-R** | **US-6-R** |
|---|---|---|
| Part number | 8301US310001 | 8301US610001 |
| Labelling | "Roof exit switch" | |
| Integrated resistors: | | |
| • Alarm resistor (Ral) | 1,5 kΩ | |
| • Terminating resistor (Rab) | 10 kΩ | |
| Storage/operating conditions: | | |
| • Temperature | -5 °C … +40 °C | |
| • Relative humidity | 20 % … 80 %, non-condensing | |
| Enclosure: | | |
| • Material | Plastic | Plastic |
| • Colour | Grey (like RAL 7035) | Polar white |
| • Protection rating | IP54 | IP10 |
| • Dimensions in mm (W x H x D) | 72 x 80 x 56 | 80 x 80 x 61 |
| Details and scope of delivery | Surface-mounted key switch (incl. key), key can be removed in engaged position | Surface mounted key switch (without sectional half cylinder *PHZ*) |

The requirements of the Directives 2014/35/EU and 2014/30/EU are met. $CE$
Suitable for operation in residential, business and commercial areas.
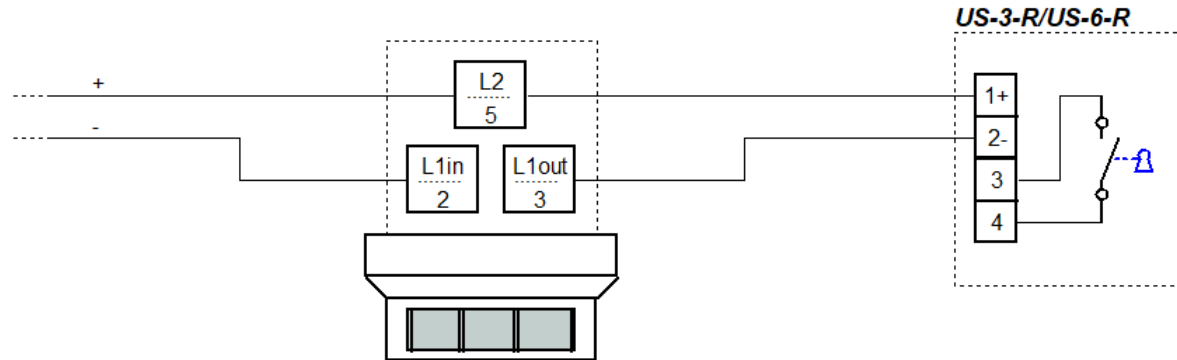
## 3 Installation

Fasten the roof exit switch *US-3-R/US-6-R* securely to a wall using suitable mounting material and connect it according to the connection diagrams.

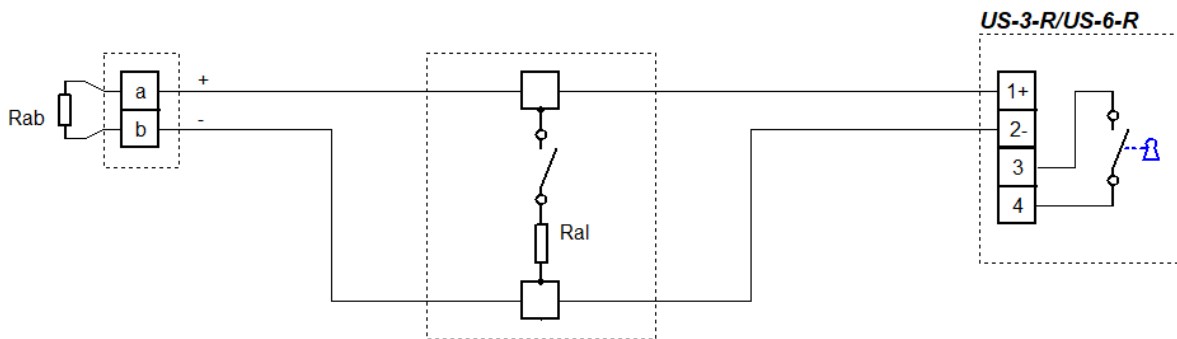**3.1 Connection to the terminals of the signalling line (⬜) in an SHE control centre**



> ℹ **Remove the terminating resistor Rab when connecting the roof exit switch.**

**3.2 Connection to an automatic fire detector**



> ℹ **Type *RM 2/TM 2*:**    **Terminals L1 in, L1 out and L2**
> **Type *RM 3/TM 3*:**    **Terminals 2, 3 and 5**

**3.3 Connection to a fire alarm control panel**



> ℹ **Remove the terminating resistor Rab when connecting the roof exit switch.**