



## UVH 433Y

- Metal enclosure
- 3 Contacts
- 62 mm x 105 mm x 50 mm ( basic component)
- Switching points and contact function adjustable
- 3 cable entries M 20 x 1.5
- Actuator head can be repositioned in steps 4 x 90°
- Continuous adjustment of lever position 360°
- Lever can be transposed by 180°

## Data

### Approvals - Standards

Certificates cULus

### General data

Standards	EN IEC 60947-5-1
Working principle	mechanical
Slide form	Castor
Enclosure material	Light alloy die-casting
Enclosure coating material	painted
Gross weight	537 g

### General data - Features

Number of normally closed (NC) 3

### Mechanical data

Actuating element Roller lever

Roller material	Plastic
Mechanical life, minimum	10,000,000 Operations
Actuating angle, from left of switch axis	30 °
Actuating angle, from right of switch axis	30 °
Contact opening	2 x 1.5 mm
Actuating speed, minimum	1 mm/min
Actuating speed, maximum	3 m/s
Note (Actuating speed)	Actuating speed with vertical actuating angle to switch axis

### Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
Cable section, minimum	1.5 mm <sup>2</sup>
Cable section, maximum	2.5 mm <sup>2</sup>
Note (Cable section)	All indications including the conductor ferrules.
Wire cross-section	13 AWG

### Mechanical data - Dimensions

Length of sensor	50 mm
Width of sensor	62 mm
Height of sensor	163 mm
Width of Castor	8.5 mm
Diameter of Castor	20 mm

### Ambient conditions

Degree of protection	IP65
Ambient temperature	-20 ... +60 °C

### Ambient conditions - Insulation values

Rated insulation voltage U <sub>i</sub>	500 V
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## Electrical data

Thermal test current	16 A
Switching element	Opener (NC)
Switching principle	Slow action
Material of the contacts, electrical	Silver

## Note

Note (General) Type of contact and switching points can be factory set to order.

## Ordering code

Product type description:  
U(1) 433Y-(2)-(3)

(1)

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<b>S</b>	Plunger S
<b>K</b>	Offset roller lever K
<b>8H</b>	Roller lever 8H
<b>H</b>	Roller lever H
<b>3H</b>	Roller lever 3H
<b>7H</b>	Roller lever 7H
<b>4H</b>	Spring rod lever on shaft 4H
<b>9H</b>	Rod lever 9H
<b>10H</b>	Rod lever 10H
<b>2H</b>	Leaf spring lever 2H
<b>6H</b>	Leaf spring lever 6H

(2)

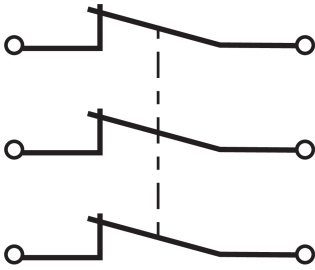
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<b>without</b>	3 NC contact
<b>1S/2OE</b>	1 NO contact/2 NC contacts
<b>2S/1OE</b>	2 NO contacts/1 NC contact

(3)

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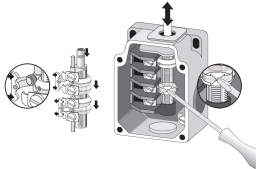
ID: k3o--k02

| 18,7 kB | .cdr |

| 65,3 kB | .jpg | 352.778 x 292.806 mm - 1000 x 830 px - 72 dpi

| 2,4 kB | .png | 74.083 x 61.383 mm - 210 x 174 px - 72 dpi

## Operating principle



ID: ku432a01

| 203,1 kB | .cdr |

| 157,4 kB | .jpg | 352.778 x 236.361 mm - 1000 x 670 px - 72 dpi

| 19,8 kB | .png | 74.083 x 49.742 mm - 210 x 141 px - 72 dpi

## Operating principle



ID: 235hz05

| 15,2 kB | .cdr |

| 180,5 kB | .jpg | 352.778 x 749.3 mm - 1000 x 2124 px - 72 dpi

| 3,4 kB | .png | 74.083 x 157.339 mm - 210 x 446 px - 72 dpi

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The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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