

UV6H 433Y



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

Data

Ordering data

UV6H 433Y

101060584

eCl@ss number, Version 9.0

27-27-06-01

General data

Product name	U 433 leaf spring lever 6H
	EN 60947-5-1
Active principle	mechanical
Enclosure material	Light alloy die-casting
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Lever material	Spring-steel
Gross weight	635 g

General data - Features

Number of openers	3
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Mechanical data

Actuating element	Swivel lever
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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

Terminal Connector	Screw connection
	1.5 mm ²
	2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Wire cross-section	13 AWG

Mechanical data - Dimensions

Length x Width x Height	Leaf spring thickness: 0.8 mm
Height of sensor	434 mm
Length of sensor	50 mm
Width of sensor	62 mm

Ambient conditions

Protection class	IP 65 to IEC/EN 60529
Ambient temperature, minimum	-20 °C
Ambient temperature, maximum	+60 °C

Electrical data

Thermal test current	16 A
Switching element	Opener (NC)
Switching principle	Creep circuit element

Notes

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

Product type description:

U(1) 433Y-(2)-(3)

(1)

- S** Plunger S
- K** Offset roller lever K
- 8H** Roller lever 8H
- H** Roller lever H
- 3H** Roller lever 3H
- 7H** Roller lever 7H
- 4H** Spring rod lever on shaft 4H
- 9H** Rod lever 9H
- 10H** Rod lever 10H
- 2H** Leaf spring lever 2H
- 6H** Leaf spring lever 6H

(2)

without 3 NC contact

1S/2OE 1 NO contact/2 NC contacts

2S/1OE 2 NO contacts/1 NC contact

(3)

1272 Version for low temperatures to -30 °C

Pictures

Photo/Product/Catalogue



ID: ku43hf24

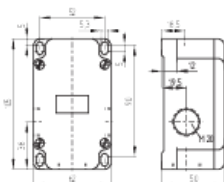
| 130,3 kB | .png | 74.083 x 214.489 mm - 210 x 608

Pixel - 72 dpi

| 486,0 kB | .jpg | 157.339 x 455.789 mm - 446 x 1292

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1u43-g03

| 87,9 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703

Pixel - 72 dpi

| 28,0 kB | .cdr |

| 4,1 kB | .png | 74.083 x 52.211 mm - 210 x 148 Pixel
- 72 dpi

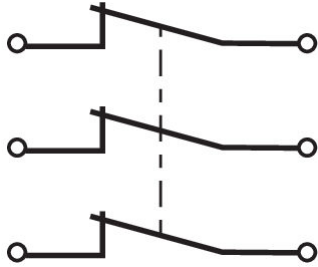
Diagramm/Product/Travel

ID: ku43-s03



| 93,9 kB | .jpg | 352.778 x 182.386 mm - 1000 x 517
Pixel - 72 dpi
| 1,2 kB | .png | 74.083 x 52.564 mm - 210 x 149 Pixel
- 72 dpi

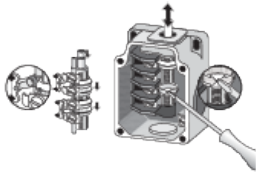
Graphic/Product/Contact



ID: k3o--k02

| 65,3 kB | .jpg | 352.778 x 292.806 mm - 1000 x 830
Pixel - 72 dpi
| 18,7 kB | .cdr |

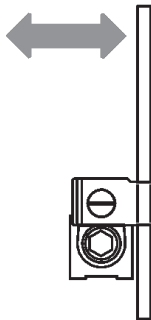
Illustration/Product/Function



ID: ku432a01

| 19,8 kB | .png | 74.083 x 49.742 mm - 210 x 141
Pixel - 72 dpi
| 203,1 kB | .cdr |
| 157,4 kB | .jpg | 352.778 x 236.361 mm - 1000 x 670
Pixel - 72 dpi

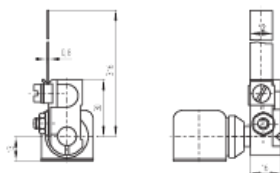
Illustration/Product/Function



ID: 235hz03

| 140,4 kB | .jpg | 352.778 x 733.072 mm - 1000 x
2078 Pixel - 72 dpi
| 2,5 kB | .png | 74.083 x 153.811 mm - 210 x 436
Pixel - 72 dpi
| 15,5 kB | .cdr |

Dimension/Product/Actuator



ID: 1t15vb07

| 84,2 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695
Pixel - 72 dpi
| 4,0 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 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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