



UK 432Y-1S/1OE

- 2 Contacts
- Metal enclosure
- 3 cable entries M 20 x 1.5
- 62 mm x 80 mm x 50 mm (basic component)
- Actuator heads can be repositioned by 4 x 90°
- Switching points and contact function adjustable

Data

Ordering data

	UK 432Y-1S/1OE
	101055024
EAN (European Article Number)	4030661003009
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

EAC

General data

Product name	U 432 offset roller lever K
	EN 60947-5-1
Active principle	mechanical
Slide form	Castor
Enclosure material	Light alloy die-casting
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Roller material	Plastic
Gross weight	360 g

General data - Features

Number of openers	1
Number of shutters	1

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC) 2,000,000 Operations

Mechanical data

Actuating element	Offset roller lever
Mechanical life, minimum	10,000,000 Operations
Actuating angle, from left of switch axis	45 °
Actuating angle, from right of switch axis	30 °
Contact opening	2 x 1.5 mm
Actuating speed, minimum	1 mm/min
Actuating speed, maximum	0.5 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

Height of sensor	118 mm
Length of sensor	50 mm
Width of sensor	62 mm
Width of Castor	8.5 mm
Diameter of Castor	20 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	NO contact, NC contact
Switching principle	Creep circuit element

Notes

Note (General) Type of contact and switching points can be factory set to order.
Actuation from the right should be avoided, since this reduces the
mechanical life of the position switch.

Ordering code

Product type description:

U(1) 432Y-(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 2 NC contact

2S 2 NO contacts

1S/10E 1 NO contacts/1 NC contact

(3)

1272 Version for low temperatures to -30 °C

Pictures

Photo/Product/Catalogue



ID: ku43kf01

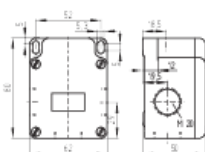
| 70,0 kB | .png | 74.083 x 109.008 mm - 210 x 309

Pixel - 72 dpi

| 440,5 kB | .jpg | 195.439 x 288.219 mm - 554 x 817

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1u43-g02

| 82,9 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

Pixel - 72 dpi

| 3,7 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

| 27,7 kB | .cdr |

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



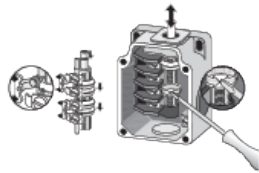
ID: k1o1sk07

| 37,9 kB | .jpg | 352.778 x 146.403 mm - 1000 x 415

Pixel - 72 dpi

| 17,3 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: 235rz03

| 131,9 kB | .jpg | 352.778 x 773.642 mm - 1000 x

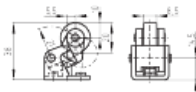
2193 Pixel - 72 dpi

| 15,5 kB | .cdr |

| 2,7 kB | .png | 74.083 x 162.278 mm - 210 x 460

Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1u43kb01

| 3,5 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

| 64,7 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

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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