

US 432Y

- **2 Contacts**
- **Metal enclosure**
- **3 cable entries M 20 x 1.5**
- **62 mm x 80 mm x 50 mm (basic component)**
- **Switching points and contact function adjustable**

Data

Ordering data	
	US 432Y
	101176036
EAN (European Article Number)	4030661306346
eCl@ss number, Version 9.0	27-27-06-01
Approval - Standards	
	EAC
General data	
Product name	U 432 plunger S
	EN 60947-5-1
Active principle	mechanical
Slide form	Sphere
Enclosure material	Light alloy die-casting
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	310 g
General data - Features	
Number of openers	2
Safety appraisal - Safety outputs	

B10d Normally-closed contact (NC)	2,000,000 Operations
Mechanical data	
Actuating element	Plunger
Mechanical life, minimum	10,000,000 Operations
Actuating angle	20 °
Contact opening	2 x 1.5 mm
Actuating speed, minimum	1 mm/min
Actuating speed, maximum	1 m/s
Note (Actuating speed)	Actuating speed with vertical actuating angle to switch axis
Mechanical data - Connection technique	
Terminal Connector	Screw connection
	1.5 mm²
	2.5 mm²
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	91 mm
Length of sensor	50 mm
Width of sensor	62 mm
Diameter of the Plunger	6 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. Actuation from the side of the plunger 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/1OE 1 NO contacts/1 NC contact

(3)

1272 Version for low temperatures to -30 °C

Pictures

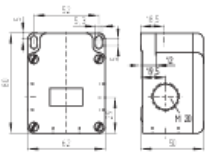
Photo/Product/Catalogue



ID: ku43sf01

| 62,2 kB | .png | 73.731 x 92.075 mm - 209 x 261 Pixel - 72 dpi
| 865,9 kB | .jpg | 352.778 x 439.914 mm - 1000 x 1247 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 |

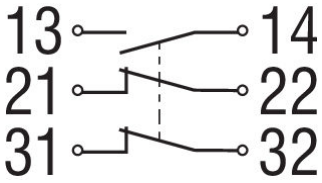
Diagramm/Product/Travel



ID: ku43-s01

| 1,3 kB | .png | 74.083 x 52.564 mm - 210 x 149 Pixel - 72 dpi
| 70,3 kB | .jpg | 352.778 x 224.014 mm - 1000 x 635 Pixel - 72 dpi

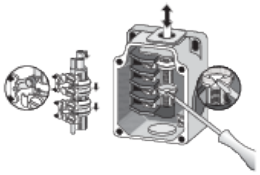
Graphic/Product/Contact



ID: k2o1sk02

| 18,4 kB | .cdr |
| 82,3 kB | .jpg | 352.778 x 193.322 mm - 1000 x 548 Pixel - 72 dpi

Illistration/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

Illistration/Product/Function



ID: 235sz01

| 14,1 kB | .cdr |
| 1,8 kB | .png | 74.083 x 251.883 mm - 210 x 714 Pixel - 72 dpi
| 95,3 kB | .jpg | 352.778 x 1199.444 mm - 1000 x 3400 Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1u43sb01

| 22,5 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi
| 1,4 kB | .png | 74.083 x 51.858 mm - 210 x 147 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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