



T2S 015-20Y

- 2 Contacts
- Metal enclosure
- With large after-travel
- 3 Cable entry M 20 x 1.5
- 67 mm x 75 mm x 43 mm (basic component)
- Actuator head with captive stainless steel ball actuator

Data

Ordering data

T2S 015-20Y

101054845

EAN (European Article Number) 4030661001951

eCl@ss number, Version 9.0 27-27-06-01

Approval - Standards

CCC

EAC

General data

Product name	015 plunger 2S
	EN 60947-5-1
Active principle	mechanical
Slide form	Sphere
Enclosure material	Light-alloy diecast, paint finish
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	320 g

General data - Features

Number of shutters	2
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Mechanical data

Actuating element	Plunger
Mechanical life, minimum	5,000,000 Operations
Actuating angle	20 °
Actuating force	16 N
Contact opening	2 x 2.5 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 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	130 mm
Length of sensor	43 mm
Width of sensor	67 mm
Diameter of the Plunger	10 mm

Ambient conditions

Protection class	IP 65 to IEC/EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+90 °C

Electrical data

Thermal test current	10 A
Utilisation category AC-15	400 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	4 A
Switching element	Normally open contact (NO)
Note (Switching element)	with double break
Switching principle	Creep circuit element

Notes

Note (General)

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:

(1)(2) 015-(3)Y-(4)

(1)

T Slow action (not available for AF/S)

M Snap action

(2)

S Plunger S

2S Telescopic plunger 2S

K Offset roller lever K

2K Tilt lever 2K

3K Angle roller lever 3K

8H Roller lever 8H

7H Roller lever 7H

10H Rod lever 10H

H Roller lever H

4H Spring rod lever on shaft 4H

2H Leaf spring lever 2H

3H Roller lever 3H

9H Rod lever 9H

6H Leaf spring lever 6H

(3)

11 1 NO contacts/1 NC contact

02 2 NC contact

20 2 NO contacts

(4)

UE Slow action with overlapping contacts

H Slow action with staggered contacts

C Magnetic blow-out

Pictures

Photo/Product/Catalogue



ID: kt15sf02

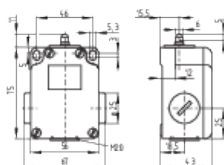
| 81,9 kB | .png | 74.083 x 133.35 mm - 210 x 378

Pixel - 72 dpi

| 802,4 kB | .jpg | 241.3 x 434.622 mm - 684 x 1232

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1t015g02

| 8,3 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

| 158,3 kB | .jpg | 352.778 x 259.997 mm - 1000 x 737

Pixel - 72 dpi

| 32,1 kB | .cdr |

Diagramm/Product/Travel



ID: kt015s18

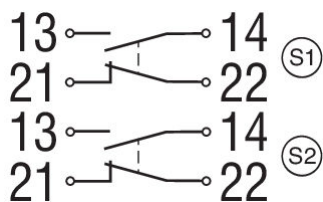
| 907,0 b | .png | 74.083 x 52.564 mm - 210 x 149

Pixel - 72 dpi

| 27,7 kB | .jpg | 352.778 x 123.825 mm - 1000 x 351

Pixel - 72 dpi

Graphic/Product/Contact



ID: k2o2sk02

| 21,1 kB | .cdr |

| 100,7 kB | .jpg | 352.778 x 212.372 mm - 1000 x 602

Pixel - 72 dpi

Graphic/Product/Contact



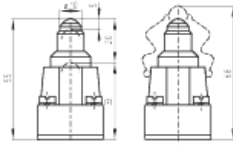
ID: k--2sk02

| 16,8 kB | .cdr |

| 39,4 kB | .jpg | 352.778 x 179.564 mm - 1000 x 509

Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1t15sb02

| 3,9 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

| 75,2 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701
Pixel - 72 dpi

Illustration/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



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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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