



T2S 016-21Y

- 3 Contacts
- Metal enclosure
- With large after-travel
- 3 Cable entry M 20 x 1.5
- 67 mm x 105 mm x 43 mm (basic component)
- Actuator head with captive stainless steel ball actuator

Data

Ordering data

T2S 016-21Y

101054869

EAN (European Article Number) 4030661002118

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

Approval - Standards

cULus

CCC

EAC

General data

Product name	016 telescopic 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	400 g

General data - Features

Number of openers	1
Number of shutters	2

Mechanical data

Actuating element	Plunger
Mechanical life, minimum	5,000,000 Operations
Actuating angle	20 °
Actuating force	25 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	160 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
Switching element	NO contact, NC contact
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.
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Ordering code

Product type description:

T(1) 016-(2)Y-(3)

(1)

- 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

(2)

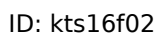
- 12** 1 NO contact/2 NC contacts
- 21** 2 NO contacts/1 NC contact
- 03** 3 NC contact
- 30** 3 NO contacts

(3)

- UE** Slow action with overlapping contacts
- H** Slow action with staggered contacts
- C** Magnetic blow-out

Pictures

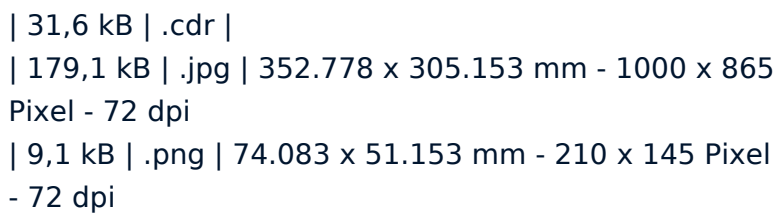
Photo/Product/Catalogue



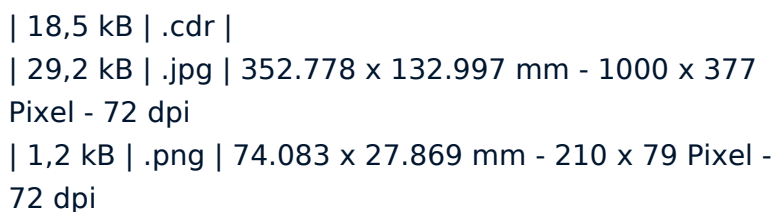
| 476,8 kB | .jpg | 277.636 x 529.167 mm - 787 x 1500
Pixel - 72 dpi

| 77,8 kB | .png | 74.083 x 141.111 mm - 210 x 400
Pixel - 72 dpi

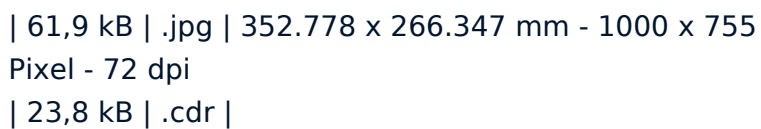
ID: 1t016g01



ID: kt016s06



ID: k1o2sk02



Illustration/Product/Function



ID: 235sz01

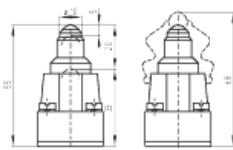
| 14,1 kB | .cdr |

| 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

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

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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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