



TS 016-03Y

- 3 Contacts
- Metal enclosure
- 3 Cable entry M 20 x 1.5
- 67 mm x 105 mm x 43 mm (basic component)

Data

Ordering data

TS 016-03Y

101168064

EAN (European Article Number) 4030661220420

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

Approval - Standards

cULus

CCC

EAC

General data

Product name	016 plunger S
	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	325 g

General data - Features

Number of openers	3
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Mechanical data

Actuating element	Plunger
Mechanical life, minimum	5,000,000 Operations
Actuating angle	20 °
Actuating force	27 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	116 mm
Length of sensor	43 mm
Width of sensor	67 mm
Diameter of the Plunger	6 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	Opener (NC)
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)

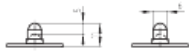
- UE** Slow action with overlapping contacts
- H** Slow action with staggered contacts
- C** Magnetic blow-out

Pictures

Photo/Product/Catalogue

Dimension/Product/Actuator

ID: 1t15sb01



| 25,9 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701
Pixel - 72 dpi
| 1,5 kB | .png | 74.083 x 51.858 mm - 210 x 147 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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