

TVH 016-03Y



- 3 Contacts
- Metal enclosure
- 3 Cable entry M 20 x 1.5
- Lever can be transposed by 180°
- 67 mm x 105 mm x 43 mm (basic component)
- Continuous adjustment of lever position 360°
- Actuator head can be repositioned in steps 4 x 90°

Data

Ordering data

	TVH 016-03Y
	101060213
EAN (European Article Number)	4030661039893
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	016 roller lever H
	EN 60947-5-1
Active principle	mechanical
Slide form	Castor
Enclosure material	Light-alloy diecast, paint finish
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Roller material	Plastic
Gross weight	430 g

General data - Features

Number of openers 3

Mechanical data

Actuating element Roller lever
Mechanical life, minimum 5,000,000 Operations
Actuating angle, from left of switch axis 30 °
Actuating angle, from right of switch axis 30 °
Contact opening 2 x 2.5 mm
Actuating speed, minimum 1 mm/min
Actuating speed, maximum 3 m/s
Note (Actuating speed) Actuating speed with vertical actuating angle to switch axis
Actuating torque 0.3 Nm

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 163 mm
Length of sensor 43 mm
Width of sensor 67 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 -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

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

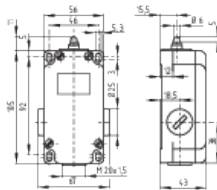


ID: kts16f06

| 916,2 kB | .jpg | 352.778 x 691.444 mm - 1000 x 1960 Pixel - 72 dpi

| 76,8 kB | .png | 74.083 x 144.992 mm - 210 x 411 Pixel - 72 dpi

Dimension/Product/Basic



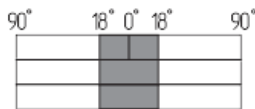
ID: 1t016g01

| 31,6 kB | .cdr |

| 179,1 kB | .jpg | 352.778 x 305.153 mm - 1000 x 865 Pixel - 72 dpi

| 9,1 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi

Diagramm/Product/Travel



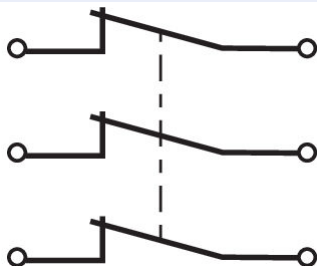
ID: kt016s19

| 37,4 kB | .jpg | 352.778 x 117.475 mm - 1000 x 333 Pixel - 72 dpi

| 1,3 kB | .png | 74.083 x 24.694 mm - 210 x 70 Pixel - 72 dpi

| 18,5 kB | .cdr |

Graphic/Product/Contact

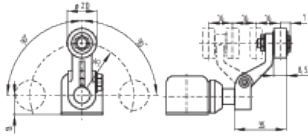


ID: k3o--k02

| 65,3 kB | .jpg | 352.778 x 292.806 mm - 1000 x 830 Pixel - 72 dpi

| 18,7 kB | .cdr |

Dimension/Product/Actuator



ID: 1t15vb01

| 10,3 kB | .png | 74.083 x 51.858 mm - 210 x 147

Pixel - 72 dpi

| 114,5 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

Pixel - 72 dpi

Illustration/Product/Function



ID: 235hz05

| 15,2 kB | .cdr |

| 180,5 kB | .jpg | 352.778 x 749.3 mm - 1000 x 2124

Pixel - 72 dpi

| 3,4 kB | .png | 74.083 x 157.339 mm - 210 x 446

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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