

TD422-01Y-M20



- **1 Contact**
- **Metal enclosure**
- **Protection class IP65**
- **2 cable entries M 20 x 1.5**
- **Lever can be transposed by 180°**
- **106 mm x 71 mm x 63 mm (basic component)**
- **Continuous adjustment of lever position 360°**
- **Actuator head can be repositioned in steps 4 x 90°**
- **In temperature-resistant version, the roller can be mounted in two different positions on the shaft**

Data

Ordering data

Product type description	TD 422-01Y
Article number (order number)	101170460
EAN (European Article Number)	4030661297705
eCl@ss number, Version 9.0	27-27-06-01

Certifications

Certificates	CCC
	EAC
	DNV GL

General data

Product name	422 roller lever D
Standards	EN 60947-5-1
Active principle	mechanical
Slide form	Castor
Enclosure material	Grey cast iron, galvanised
Enclosure coating material	painted

Material of the contacts, electrical	Silver
Roller material	Plastic
Gross weight	1305.000 g

General data - Features

Number of openers	1
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Mechanical data

Actuating element	Roller lever
Mechanical life, minimum	10,000,000 Operations
Actuating angle, from left of switch axis	30 °
Actuating angle, from right of switch axis	30 °
Contact opening	2 x 6 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

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	1.5 mm ²
Cable section, maximum	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	209 mm
Length of sensor	63 mm
Width of sensor	106 mm
Width of Castor	9 mm
Diameter of Castor	36 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	16 A
Utilisation category AC-15	400 VAC
Utilisation category AC-15	4 A

Switching element
Note (Switching element)
Switching principle

Opener (NC)
with double break
Creep circuit element

Pictures

Product picture (catalogue individual photo)



ID: kt422f09

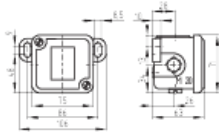
| 72,9 kB | .png | 74.083 x 132.644 mm - 210 x 376

Pixel - 72 dpi

| 469,4 kB | .jpg | 209.55 x 375.708 mm - 594 x 1065

Pixel - 72 dpi

Dimensional drawing basic component



ID: 1t422g01

| 3,6 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

| 29,4 kB | .cdr |

| 82,3 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

Pixel - 72 dpi

Switch travel diagram

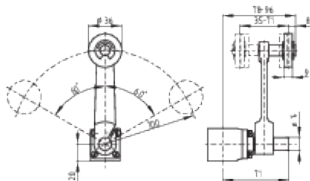


ID: kt422s07

| 937,0 b | .png | 74.083 x 52.564 mm - 210 x 149

Pixel - 72 dpi

Dimensional drawing actuator



ID: 1t422b08

| 10,2 kB | .png | 74.083 x 51.153 mm - 210 x 145

Pixel - 72 dpi

| 121,4 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691

Pixel - 72 dpi

Operating principle



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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