

TD 422-10Y



- 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

	TD 422-10Y
	101059468
EAN (European Article Number)	4030661036083
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

DNV.GL
CCC
EAC

General data

Product name	422 roller lever D
	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	1,295 g

General data - Features

Number of shutters	1
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Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
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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
	1.5 mm ²
	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	Normally open contact (NO)
Note (Switching element)	with double break
Switching principle	Creep circuit element

Ordering code

Product type description:

T(1) 422-(2)Y-(3)

(1)

S Plunger S

2S Telescopic plunger 2S

R Roller plunger R

K Offset roller lever K

J Offset roller lever J

2C Fork lever 2C

L Roller lever L

D Roller lever D

(2)

01 1 NC contact

10 1 NO contact

(3)

T temperature-resistant and tropical version with ceramic insulation for -40 °C ... +200 °C

1276-2 Gold-plated contacts

Pictures

Photo/Product/Catalogue



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

Dimension/Product/Basic

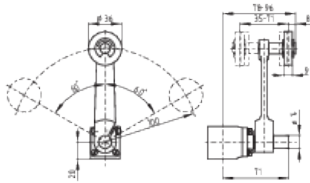
[illegible]

| 29,4 kB | .cdr |

Diagramm/Product/Travel

| 939,0 b | .png | 74.083 x 52.564 mm - 210 x 149
Pixel - 72 dpi

Dimension/Product/Actuator



| 10,2 kB | .png | 74.083 x 51.153 mm - 210 x 145
Pixel - 72 dpi



| 15,2 kB | .cdr |

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+010001pm31
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