



TR 422-01Y

- 1 Contact
- Metal enclosure
- Protection class IP65
- 2 cable entries M 20 x 1.5
- Actuator can be repositioned by 90°
- 106 mm x 71 mm x 63 mm (basic component)

Data

Ordering data

	TR 422-01Y
	101058682
EAN (European Article Number)	4030661033273
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

DNV.GL
CCC
EAC

General data

Product name	422 roller plunger _R
	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	950 g

General data - Features

Number of openers	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 plunger
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	0.5 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	117 mm
Length of sensor	63 mm
Width of sensor	106 mm
Width of Castor	6.5 mm
Diameter of Castor	25 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	Opener (NC)
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: kt422f04

| 521,9 kB | .jpg | 218.722 x 275.167 mm - 620 x 780

Pixel - 72 dpi

| 66,7 kB | .png | 74.083 x 93.133 mm - 210 x 264

Pixel - 72 dpi

Dimension/Product/Basic

[illegible]

| 29,4 kB | .cdr |

Diagramm/Product/Travel

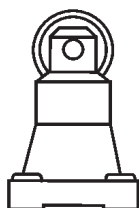
| 833,0 b | .png | 74.083 x 52.564 mm - 210 x 149

Dimension/Product/Actuator

Technical drawing of a mechanical part showing front and side views with dimensions. The front view (left) shows a circular top with a central square hole, a diameter of 20, a width of 25, and a height of 50. The side view (right) shows a profile with a total height of 50, a base width of 25, and a central vertical feature with a width of 10 and a height of 30.

| 55,3 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

Illustration/Product/Function



| 149,7 kB | .jpg | 352.778 x 799.394 mm - 1000 x 2266 Pixel - 72 dpi

| 15,2 kB | .cdr |

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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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+010001pm31
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