

## TD 422-01Y



- 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 422-01Y    |
|                               | 101170460     |
| EAN (European Article Number) | 4030661297705 |
| eCl@ss number, Version 9.0    | 27-27-06-01   |

### Approval - Standards

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 | 1,305 g |
|--------------|---------|

#### General data - Features

|                   |   |
|-------------------|---|
| Number of openers | 1 |
|-------------------|---|

#### Safety appraisal - Safety outputs

|                                   |                      |
|-----------------------------------|----------------------|
| B10d Normally-closed contact (NC) | 2,000,000 Operations |
|-----------------------------------|----------------------|

#### 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 <sup>2</sup>                                                           |
|                      | 2.5 mm <sup>2</sup>                                                           |
| 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        | 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: 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

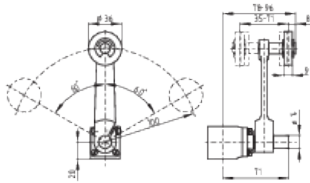


| 29,4 kB | .cdr |

### Diagramm/Product/Travel

| 937,0 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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+010032pmSunday.31pm31Europe/BerlinCET5101Europe/BerlinJanuary2021Sun, 31 Jan 2021 15:51:32
+010001pm31
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