TD 461-03Y

- **Metal enclosure**
- **2 cable entries M 20 x 1.5**
- **Lever can be transposed by 180°**
- **118 mm x 155 mm x 64 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 461-03Y
	101059601
EAN (European Article Number)	4030661036816
eCl@ss number, Version 9.0	27-27-06-01
Approval - Standards	
	DNV.GL EAC
General data	
Product name	461 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	2,437 g

General data - Features	
Number of openers	3
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	max. 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 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	293 mm
Length of sensor	64 mm
Width of sensor	118 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
Ambient conditions - Insulation value	
Rated impulse withstand voltage	6 kV

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

Pictures

Photo/Product/Catalogue

ID: bt441f09

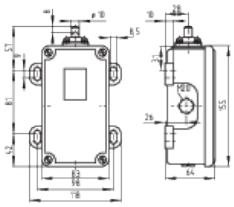
| 63,1 kB | .png | 74.083 x 129.822 mm - 210 x 368 Pixel - 72 dpi
| 159,1 kB | .jpg | 147.108 x 257.881 mm - 417 x 731 Pixel - 72 dpi

Photo/Product/Catalogue

ID: kt461f01

| 76,0 kB | .png | 73.731 x 122.061 mm - 209 x 346 Pixel - 72 dpi
| 1,1 MB | .jpg | 352.778 x 582.436 mm - 1000 x 1651 Pixel - 72 dpi

Dimension/Product/Basic



ID: 1t461g01

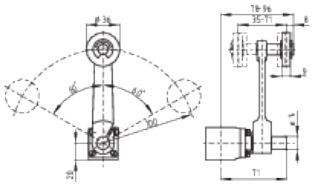
| 110,5 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 Pixel - 72 dpi
| 9,2 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi
| 35,2 kB | .cdr |

Diagramm/Product/Travel

ID: kt422s07

| 35,1 kB | .jpg | 352.778 x 84.314 mm - 1000 x 239 Pixel - 72 dpi
| 937,0 b | .png | 74.083 x 52.564 mm - 210 x 149 Pixel - 72 dpi

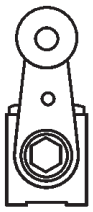
Dimension/Product/Actuator



ID: 1t422b08

| 121,4 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691 Pixel - 72 dpi
| 10,2 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi

Illistration/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