



MJ 461-22Y

- Metal enclosure
- 2 cable entries M 20 x 1.5
- 118 mm x 155 mm x 64 mm (basic component)
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

	MJ 461-22Y
	101059169
EAN (European Article Number)	4030661035017
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

DNV.GL
EAC

General data

Product name	461 offset roller lever J
	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	2,240 g

General data - Features

Number of openers	2
Number of shutters	2

Safety appraisal - Safety outputs

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

Mechanical data

Actuating element	Offset roller lever
Mechanical life, minimum	5,000,000 Operations
Actuating angle, from left of switch axis	45 °
Actuating angle, from right of switch axis	30 °
Contact opening	max. 2 x 2.5 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	235 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	4 kV
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Electrical data

Thermal test current	16 A
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Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Switching element	NO contact / NC contact
Note (Switching element)	with double break
Switching principle	Snap switch element
Bounce duration, maximum	5 ms
Switchover time, maximum	35 ms

Notes

Note (General)	Actuation from the right should be avoided, since this reduces the mechanical life of the position switch.
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Pictures

Photo/Product/Catalogue



ID: bt441f06

| 30,3 kB | .png | 74.083 x 71.967 mm - 210 x 204

Pixel - 72 dpi

| 228,4 kB | .jpg | 228.6 x 221.897 mm - 648 x 629

Pixel - 72 dpi

Photo/Product/Catalogue



ID: kt461f01

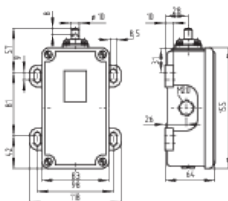
| 76,0 kB | .png | 73.731 x 122.061 mm - 209 x 346

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

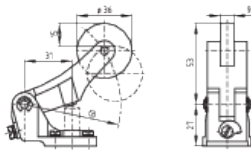
ID: kt441s10



| 1,1 kB | .png | 74.083 x 52.564 mm - 210 x 149 Pixel
- 72 dpi

| 54,5 kB | .jpg | 352.778 x 262.467 mm - 1000 x 744
Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1t422b05

| 100,7 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701
Pixel - 72 dpi

| 10,4 kB | .png | 74.083 x 51.858 mm - 210 x 147
Pixel - 72 dpi

Illustration/Product/Function



ID: 235rz03



| 131,9 kB | .jpg | 352.778 x 773.642 mm - 1000 x
2193 Pixel - 72 dpi

| 15,5 kB | .cdr |

| 2,7 kB | .png | 74.083 x 162.278 mm - 210 x 460
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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