



T1K336-11Z

- Double-insulated
- Design to EN 50041
- Thermoplastic enclosure
- 1 Cable entry M 20 x 1.5
- Wide range of alternative actuators
- Good resistance to oil and petroleum spirit
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

	T1K 336-11Z
	101169334
EAN (European Article Number)	4030661295534
eCl@ss number, Version 9.0	27-27-26-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	336 offset roller lever 1K
Housing construction form	Norm construction design
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Gross weight	105 g

General data - Features

Safety functions	Yes
Number of auxiliary contacts	1
Number of safety contacts	1

Safety appraisal

ISO 13849-1

Mission Time	20 Year(s)
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Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	20,000,000 Operations
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B10d Normally open contact (NO)	1,000,000 Operations
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Mechanical data

Actuating element	Offset roller lever
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Mechanical life, minimum	30,000,000 Operations
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Actuating force, minimum	17 N
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Actuating speed, maximum	0.5 m/s
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Note (Actuating speed)	Actuating speed with actuating angle 30° to switch axis
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Note (Switchover time)	Switchover time in accordance with actuating speed
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Mechanical data - Connection technique

Terminal Connector	Screw connection
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	0.75 mm²
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	2.5 mm²
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Note (Cable section)	All indications about the cable section are including the conductor ferrules.
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Mechanical data - Dimensions

Height of sensor	118.5 mm
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Length of sensor	38 mm
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Width of sensor	40.5 mm
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Ambient conditions

	IP67
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Ambient temperature, minimum	-30 °C
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Ambient temperature, maximum	+80 °C
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Ambient conditions - Insulation value

Rated impulse withstand voltage	6 kV
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Electrical data

Thermal test current	10 A
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Required rated short-circuit current to EN 60947-5-1	1,000 A
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Utilisation category AC-15	230 VAC
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Utilisation category AC-15	4 A
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Utilisation category DC-13	24 VDC
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Utilisation category DC-13	4 A
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Switching element	NO contact, NC contact
Switching principle	Creep circuit element
Bounce duration, maximum	2 ms
Switching frequency	5,000 /h

Ordering code

Product type description:

(1)(2) 336-(3)Z(4)-(5)-(6)-(7)

(1)

Z Snap action

T Slow action (not available for AF/S)

(2)

S Plunger S

R Roller plunger R

H Roller lever H

10H Rod lever 10H

7H Roller lever 7H

1K Offset roller lever 1K

3K Angle roller lever 3K

RMS Brass roller

(3)

11 1 NO contacts/1 NC contact

02 2 NC contact

20 2 NO contacts, (switches with 2 NO contacts are not suitable for safety applications)

01/01 1 NC contact left / 1 NC contact right

(4)

H Slow action with staggered contacts

UE Slow action with overlapping contacts

(5)

without Cable entry M20

NPT Cable entry NPT 1/2"

ST M12 connector with A-coding

ST-2310 M12 connector with B-coding

(6)

2138 Roller lever 7H for position switches with safety function

(7)

1637 Gold-plated contacts

Pictures

Photo/Product/Catalogue



ID: k336kf01

| 169,0 kB | .png | 74.083 x 173.214 mm - 210 x 491
Pixel - 72 dpi

| 448,9 kB | .jpg | 138.642 x 324.203 mm - 393 x 919
Pixel - 72 dpi

Photo/Product/Catalogue

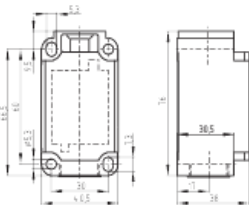


ID: k336sf01

| 462,3 kB | .jpg | 147.814 x 306.917 mm - 419 x 870
Pixel - 72 dpi

| 158,7 kB | .png | 74.083 x 153.811 mm - 210 x 436
Pixel - 72 dpi

Dimension/Product/Basic



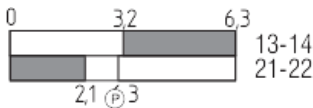
ID: 1-336g01

| 51,4 kB | .cdr |

| 107,0 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695
Pixel - 72 dpi

| 4,1 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

Diagramm/Product/Travel



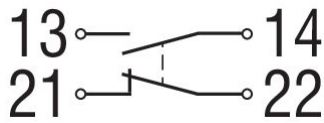
ID: kk335s14

| 42,7 kB | .jpg | 352.778 x 111.831 mm - 1000 x 317
Pixel - 72 dpi

| 25,5 kB | .cdr |

| 1,8 kB | .png | 74.083 x 23.636 mm - 210 x 67 Pixel -
72 dpi

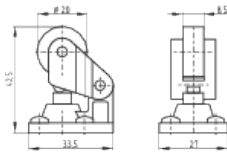
Graphic/Product/Contact



ID: k1o1sk01

| 52,2 kB | .jpg | 352.778 x 143.581 mm - 1000 x 407
Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1k336g01

| 71,4 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697
Pixel - 72 dpi
| 7,0 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi
| 57,2 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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