



T3K335-02Z

- Metal enclosure
- Design to EN 50041
- 40,5 mm x 76 mm x 38 mm
- 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°
- Actuation from bottom parallel to the switch, therefore only suitable for small housings.

Data

Ordering data

	T3K 335-02Z
	101171212
EAN (European Article Number)	4030661298764
eCl@ss number, Version 9.0	27-27-26-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	T 335 angle roller lever 3K
Housing construction form	Norm construction design
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	200 g

General data - Features

Safety functions	Yes
Number of safety contacts	2

Safety appraisal

BG-GS-ET-15
ISO 13849-1
EN 60947-5-1

Mission Time

20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)

20,000,000 Operations

Mechanical data

Actuating element

Angle roller lever

Mechanical life, minimum

30,000,000 Operations

Actuating force, minimum

17 N

Actuating speed, maximum

0.5 m/s

Note (Actuating speed)

Actuating speed with actuating angle 30° to switch axis

Note (Switchover time)

Switchover time in accordance with actuating speed

Mechanical data - Connection technique

Terminal Connector

Screw connection

0.75 mm²

2.5 mm²

Note (Cable section)

All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Height of sensor

121.5 mm

Length of sensor

38 mm

Width of sensor

58.3 mm

Ambient conditions

IP67

Ambient temperature, minimum

-30 °C

Ambient temperature, maximum

+80 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage

6 kV

Electrical data

Thermal test current

10 A

Required rated short-circuit current to EN 60947-5-1

1,000 A

Utilisation category AC-15	230 VAC
Utilisation category AC-15	4 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	4 A
Switching element	Opener (NC)
Switching principle	Slow action
Bounce duration, maximum	2 ms
Switching frequency	5,000 /h

Ordering code

Product type description:

(1)(2) 3(3)5-(4)Z(5)-(6)-(7)-(8)-(9)

(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)

3 slim design

5 large design

(4)

11 1 NO contacts/1 NC contact

02 2 NC contact

20 2 NO contacts (not suitable for safety applications)

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

12 1 NO contact/2 NC contacts

03 3 NC contact

(5)

H Slow action with staggered contacts

UE Slow action with overlapping contacts

(6)

G24 with LED

(7)

without Cable entry M20

NPT Cable entry NPT 1/2"

ST M12 connector with A-coding (Caution! According to EN 60204-1, the versions with connector must only be used in PELV circuits.)

ST-2310 M12 connector with B-coding (Caution! According to EN 60204-1, the versions with connector must only be used in PELV circuits.)

(8)

2138 Roller lever 7H for position switches with safety function

(9)

1637 Gold-plated contacts

Pictures

Photo/Product/Catalogue



ID: k335kf02

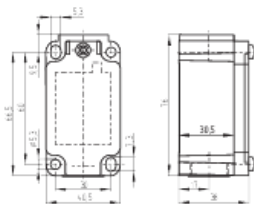
| 98,9 kB | .png | 74.083 x 143.581 mm - 210 x 407

Pixel - 72 dpi

| 540,4 kB | .jpg | 185.914 x 360.892 mm - 527 x 1023

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1-335g01

| 105,8 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697

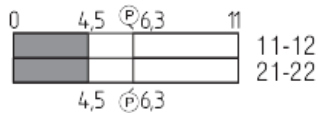
Pixel - 72 dpi

| 4,5 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

| 96,7 kB | .cdr |

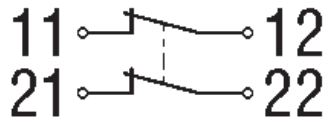
Diagramm/Product/Travel

ID: kk335s01



| 49,6 kB | .jpg | 352.778 x 119.592 mm - 1000 x 339 Pixel - 72 dpi
| 25,1 kB | .cdr |
| 1,9 kB | .png | 74.083 x 25.047 mm - 210 x 71 Pixel - 72 dpi

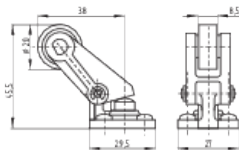
Graphic/Product/Contact



ID: k2o--k01

| 48,8 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355 Pixel - 72 dpi
| 1,4 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1k336g02

| 60,3 kB | .cdr |
| 8,9 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel - 72 dpi
| 94,1 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697 Pixel - 72 dpi

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal

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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