



## T4V7H 335-11ZUE

- Metal enclosure
- Design to EN 50041
- 40,5 mm x 76 mm x 38 mm
- 1 Cable entry M 20 x 1.5
- only for positioning tasks
- Wide range of alternative actuators
- Good resistance to oil and petroleum spirit
- Actuator heads can be repositioned by 4 x 90°

## Data

### Ordering data

|                               |                 |
|-------------------------------|-----------------|
|                               | T4V7H 335-11ZUE |
|                               | 101082570       |
| EAN (European Article Number) | 4030661065298   |
| eCl@ss number, Version 9.0    | 27-27-06-01     |

### Approval - Standards

cULus  
CCC  
EAC

### General data

|                                      |                          |
|--------------------------------------|--------------------------|
| Product name                         | T 335 roller lever 7H    |
| Housing construction form            | Norm construction design |
| Enclosure material                   | Aluminium                |
| Enclosure coating material           | painted                  |
| Material of the contacts, electrical | Silver                   |
| Lever material                       | Metal film               |
| Roller material                      | Plastic                  |
| Gross weight                         | 265 g                    |

### General data - Features

|                              |   |
|------------------------------|---|
| Number of auxiliary contacts | 1 |
| Number of safety contacts    | 1 |

## 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

Roller lever

Mechanical life, minimum

30,000,000 Operations

Actuating speed, maximum

2.5 m/s

Note (Actuating speed)

Actuating speed with actuating angle 30° to switch axis

Note (Switchover time)

Switchover time in accordance with actuating speed

Actuating torque, minimum

0.3 Nm

## Mechanical data - Connection technique

Terminal Connector

Screw connection

0.75 mm<sup>2</sup>

2.5 mm<sup>2</sup>

Note (Cable section)

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

## Mechanical data - Dimensions

Height of sensor

183 mm

Length of sensor

57.3 mm

Width of sensor

40.5 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          | NO contact, NC contact                |
| Switching principle        | Slow action with overlapping contacts |
| 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: k335hf02

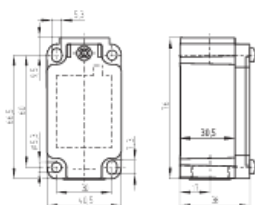
| 136,9 kB | .png | 74.083 x 204.258 mm - 210 x 579

Pixel - 72 dpi

| 462,0 kB | .jpg | 148.519 x 409.575 mm - 421 x 1161

Pixel - 72 dpi

### Dimension/Product/Basic



ID: 1-335g01

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

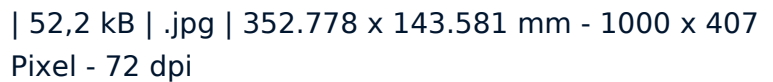
Pixel - 72 dpi

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

| 96,7 kB | .cdr |

### Diagramm/Product/Travel

| 52,3 kB | .jpg | 352.778 x 114.653 mm - 1000 x 325  
Pixel - 72 dpi  
| 17,2 kB | .cdr |  
| 1,7 kB | .png | 74.083 x 23.989 mm - 210 x 68 Pixel -  
72 dpi



| 30,2 kB | .cdr |  
| 104,9 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691  
Pixel - 72 dpi  
| 9,6 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel  
- 72 dpi

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