# DATASHEET

## T4V7H 336-11Z-M20-1058

- with rubber roller 50 mm diameter
- Lever angle adjustable in 10° steps
- Design to EN 50041
- Thermoplastic enclosure
- Double-insulated
- suitable for elevators
- Good resistance to oil and petroleum spirit
- Wide range of alternative actuators
- Actuator heads can be repositioned by 4 x 90°
- 1 Cable entry M 20 x 1.5

## Data

### Ordering data

| | |
|---|---|
| Product type description | T4V7H 336-11Z-M20-1058 |
| Article number (order number) | 151171817 |
| eCl@ss number, version 12.0 | 27-27-06-01 |
| eCl@ss number, version 11.0 | 27-27-06-01 |
| eCl@ss number, version 9.0 | 27-27-06-01 |
| ETIM number, version 7.0 | EC000030 |
| ETIM number, version 6.0 | EC000030 |

### General data

| | |
|---|---|
| Housing construction form | Norm construction design |
| Housing material | Plastic, glass-fibre-reinforced |
| Lever material | Metal film |
| Gross weight | 195 g |

## General data - Features

| | |
|---|---|
| Suitable for elevators | Yes |

### Safety classification

| | |
|---|---|
| Standards | BG-GS-ET-15<br>EN ISO 13849-1<br>EN IEC 60947-5-1 |
| Mission time | 20 Year(s) |

## Mechanical data

| | |
|---|---|
| Actuating element | Roller lever |
| Roller material | rubber |
| 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 |

## Mechanical data - Connection technique

| | |
|---|---|
| Termination | Screw terminals M20 x 1.5 |
| Cable section, minimum | 0.75 mm² |
| Cable section, maximum | 2.5 mm² |
| Note | All indications including the conductor ferrules. |

## Mechanical data - Dimensions

| | |
|---|---|
| Length of sensor | 38 mm |
| Width of sensor | 40.5 mm |
| Height of sensor | 244.5 mm |

## Ambient conditions

| | |
|---|---|
| Degree of protection | IP65<br>IP67 |
| Ambient temperature | -30 ... +80 °C |

## Ambient conditions - Insulation values

| | |
|---|---|
| Rated impulse withstand voltage $U_{imp}$ | 6 kV |

## Electrical data

| | |
|---|---|
| Thermal test current | 10 A |
| Required rated short-circuit current | 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 principle | Slow action |
| Bounce duration, maximum | 2 ms |
| Maximum switching frequency | 5,000 /h |
| Material of the contacts, electrical | Silver |

## Ordering code

Product type description:
(1)(2) 336-(3)(4)-(5)-(6)-(7)-(8)-(9)

(1)

| | |
|---|---|
| **Z** | Snap action |
| **T** | Slow action (not 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)

| | |
|---|---|
| **Y** | IP 65 |
| **Z** | IP 67 |

(5)

| | |
|---|---|
| | without latching |
| **R** | with latching |

(6)

| | |
|---|---|
| **H** | Slow action with staggered contacts |
| **UE** | Slow action with overlapping contacts |

(7)

| | |
|---|---|
| **without** | Cable entry M20 |
| **NPT** | Cable entry NPT 1/2" |
| **ST** | M12 connector with A-coding |
| **ST-2310** | M12 connector with B-coding |

(8)

| | |
|---|---|
| **2138** | Roller lever 7H for position switches with safety function |

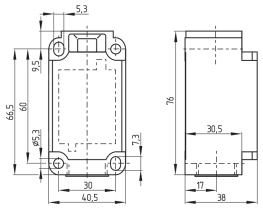
(9)

# Pictures

## Product picture (catalogue individual photo)

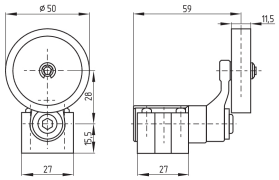
ID: K336HF06-edit
| 695.7 kB | .jpg | 190.5 x 487.892 mm - 540 x 1383 px - 72 dpi
| 148.8 kB | .png | 74.083 x 189.442 mm - 210 x 537 px - 72 dpi
| 36.8 kB | .jpg | 48.331 x 123.472 mm - 137 x 350 px - 72 dpi

## Dimensional drawing basic component



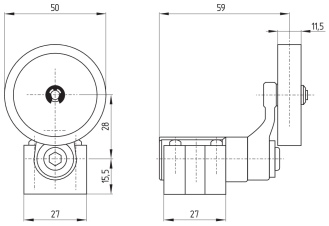

ID: 1-336g01
| 51.4 kB | .cdr |
| 4.1 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi
| 107.0 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 px - 72 dpi

## Dimensional drawing actuator




ID: 1h336g07
| 25.7 kB | .cdr |
| 4.4 kB | .png | 74.083 x 51.858 mm - 210 x 147 px - 72 dpi
| 97.4 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 px - 72 dpi

## Dimensional drawing actuator




ID: kh336g07
| 23.7 kB | .cdr |
| 4.4 kB | .png | 74.083 x 50.447 mm - 210 x 143 px - 72 dpi
| 106.6 kB | .jpg | 352.778 x 239.889 mm - 1000 x 680 px - 72 dpi