



TV7H336-01/01Z

- Double-insulated
- Design to EN 50041
- Thermoplastic enclosure
- 1 Cable entry M 20 x 1.5
- only for positioning tasks
- Wide range of alternative actuators
- Lever angle adjustable in 10° steps
- Good resistance to oil and petroleum spirit
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

	TV7H 336-01/01Z
	101084114
EAN (European Article Number)	4030661045634
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	336 roller lever 7H
Housing construction form	Norm construction design
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Lever material	Metal film
Roller material	Plastic
Gross weight	165 g

General data - Features

Number of safety contacts	2
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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 mm²

2.5 mm²

Note (Cable section)

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

Mechanical data - Dimensions

Height of sensor

173.5 mm

Length of sensor

57 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	Opener (NC)
Switching principle	Creep circuit element
Bounce duration, maximum	2 ms
Switching frequency	5,000 /h

Notes

Note (General) The positioning of the head must be carried out in factory.

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

(6)

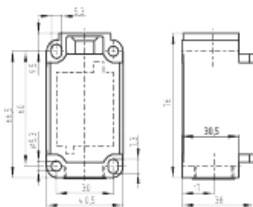
2138 Roller lever 7H for position switches with safety function

Pictures

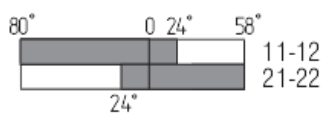


| 177,9 kB | .png | 74.083 x 210.608 mm - 210 x 597
Pixel - 72 dpi

| 475,4 kB | .jpg | 149.578 x 425.803 mm - 424 x 1207
Pixel - 72 dpi



| 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



| 23,8 kB | .cdr |
| 1,6 kB | .png | 74.083 x 23.283 mm - 210 x 66 Pixel -
72 dpi
| 44,2 kB | .jpg | 352.778 x 111.478 mm - 1000 x 316
Pixel - 72 dpi

Graphic/Product/Contact

