DATASHEET

Z4V7H 336-11z-1058/2654

- 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	Z4V7H 336-11z-1058/2654
Article number (order number)	151218070
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

Approvals - Standards

Certificates	cULus CCC

General data

Housing construction form	Norm construction design

Housing material	Plastic, glass-fibre-reinforced
Lever material	Metal film
Gross weight	181 g

General data - Features

Suitable for elevators	Yes
Safety functions	Yes

Safety classification

Standards	EN IEC 60947-5-1
Mission time	20 Year(s)

Safety classification - Safety outputs

B_{10D} Normally-closed contact (NC)	20,000,000 Operations

Mechanical data

Actuating element	Roller lever
Roller material	rubber
Mechanical lifetime, 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

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	176.5 mm

Ambient conditions

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 element	1 NO contact, 1 NC contacts
Switching principle	Snap action
Bounce duration, maximum	2 ms
Maximale Schalthäufigkeit	5,000 /h
Material of the contacts, electrical	Silver

Note

Note (General)	(-1058) with rubber roller diameter 50mm, width 11,5mm (-2654) Lever made of stainless steel

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 contact/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)

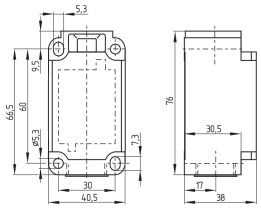
1637	Gold-plated contacts

Pictures

Product picture (catalogue individual photo)

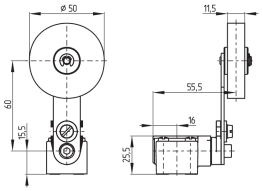
ID: K336HF06-edit
| 1.3 MB | .jpg | 352.778 x 903.464 mm - 1000 x 2561 px - 72 dpi
| 166.9 kB | .png | 74.083 x 189.442 mm - 210 x 537 px - 72 dpi
| 26.7 kB | .png | 74.083 x 74.083 mm - 210 x 210 px - 72 dpi
| 14.4 MB | .png | 166.557 x 426.553 mm - 2000 x 5122 px - 305 dpi

Dimensional drawing basic component



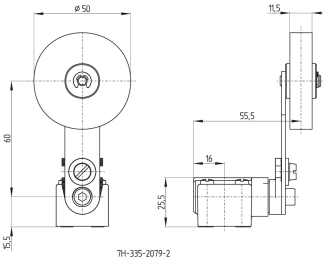
ID: 1-336g01
| 51.4 kB | .cdr |
| 4.1 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi
| 107.0 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 px - 72 dpi

Dimensional drawing actuator



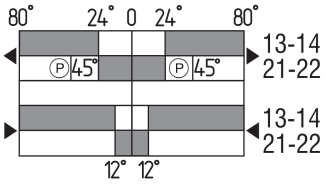
ID: 1h336g06
| 40.1 kB | .cdr |
| 9.5 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi
| 92.0 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695 px - 72 dpi

Dimensional drawing actuator



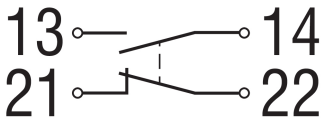
ID: kh336g06
| 38.8 kB | .cdr |
| 4.8 kB | .png | 74.083 x 58.561 mm - 210 x 166 px - 72 dpi
| 121.3 kB | .jpg | 352.778 x 278.342 mm - 1000 x 789 px - 72 dpi

Switch travel diagram



ID: kh335s02
| 25.4 kB | .cdr |
| 3.0 kB | .png | 74.083 x 40.569 mm - 210 x 115 px - 72 dpi
| 98.4 kB | .jpg | 352.778 x 193.322 mm - 1000 x 548 px - 72 dpi

Diagram



ID: k1o1sk01
| 52.2 kB | .jpg | 352.778 x 143.581 mm - 1000 x 407 px - 72 dpi
| 2.6 kB | .png | 74.083 x 29.986 mm - 210 x 85 px - 72 dpi