

T4V7H336-11Z-1058



- Double-insulated
- Design to EN 50041
- suitable for elevators
- Thermoplastic enclosure
- 1 Cable entry M 20 x 1.5
- only for positioning tasks
- Lever length infinitely adjustable
- 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°
- Also available with large rubber roller and fixed lever

Data

Ordering data

	T4V7H 336-11Z-M20-1058
	101171817
EAN (European Article Number)	4030661299563
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	336 roller lever 7H-1058
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	rubber
Gross weight	195 g

General data - Features

Suitable for elevators	Yes
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

Mechanical data - Connection technique

Terminal Connector	Screw connection 0.75 mm ² 2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Height of sensor	188.5 mm
Length of sensor	38 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	NC contact, NO contact
Switching principle	Creep circuit element
Bounce duration, maximum	2 ms
Switching frequency	5,000 /h

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
- NPT** Cable entry NPT 1/2"
- ST** M12 connector with A-coding
- ST-2310** M12 connector with B-coding

- (6)
- 2138** Roller lever 7H for position switches with safety function

- (7)
- 1637** Gold-plated contacts

Pictures

Photo/Product/Catalogue

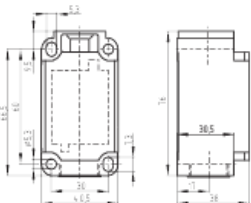


ID: k336hf04

| 619,4 kB | .jpg | 237.419 x 504.119 mm - 673 x 1429
Pixel - 72 dpi

| 81,1 kB | .png | 74.083 x 156.986 mm - 210 x 445
Pixel - 72 dpi

Dimension/Product/Basic



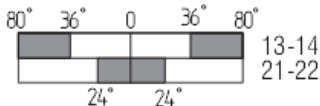
ID: 1-336g01

| 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

Diagramm/Product/Travel



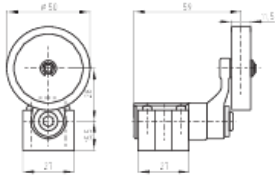
ID: kh335s10

| 52,9 kB | .jpg | 352.778 x 116.064 mm - 1000 x 329
Pixel - 72 dpi

| 1,9 kB | .png | 74.083 x 24.342 mm - 210 x 69 Pixel -
72 dpi

| 25,1 kB | .cdr |

Dimension/Product/Actuator



ID: 1h336g07

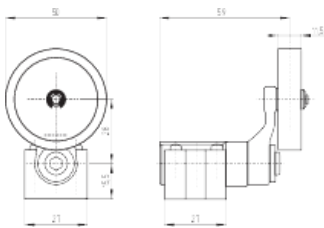
| 97,4 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

Pixel - 72 dpi

| 25,7 kB | .cdr |

| 4,4 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

Dimension/Product/Actuator



ID: kh336g07

| 106,6 kB | .jpg | 352.778 x 239.889 mm - 1000 x 680

Pixel - 72 dpi

| 23,7 kB | .cdr |

| 4,4 kB | .png | 74.083 x 50.447 mm - 210 x 143 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.

Generated on 322021-01-31T04:58:32+01:000401Europe/BerlinSun, 31 Jan 2021 04:58:32

+010032amSunday.31am31Europe/BerlinCET5801Europe/BerlinJanuary2021Sun, 31 Jan 2021 04:58:32

+010001am31