



T4V10H336-02Z

- 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

	T4V10H 336-02Z
	101060462
EAN (European Article Number)	4030661044231
eCI@ss number, Version 9.0	27-27-06-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	336 rod lever 10H
Housing construction form	Norm construction design
	D
Enclosure material	Plastic, glass-fibre reinforced thermoplastic, self-extinguishing
Material of the contacts, electrical	Silver
Lever material	Metal film
Material of the rod	Plastic
Gross weight	160 g

General data - Features

Number of safety contacts	2
---------------------------	---

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	Rod 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 ² 2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Length x Width x Height	Height of sensor: 111.5 mm (without rod)
Length of sensor	52 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

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

2138 Roller lever 7H for position switches with safety function

(7)

1637 Gold-plated contacts

Pictures

Photo/Product/Catalogue

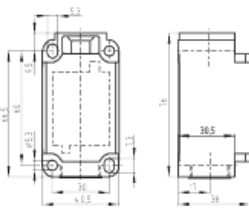


ID: k336hf03

| 156,8 kB | .png | 74.083 x 208.844 mm - 210 x 592
Pixel - 72 dpi

| 491,2 kB | .jpg | 158.75 x 448.028 mm - 450 x 1270
Pixel - 72 dpi

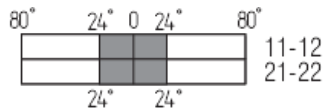
Dimension/Product/Basic



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



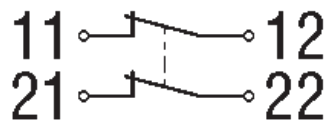
ID: kh335s08

| 1,6 kB | .png | 74.083 x 23.989 mm - 210 x 68 Pixel - 72 dpi

| 23,9 kB | .cdr |

| 52,9 kB | .jpg | 352.778 x 114.653 mm - 1000 x 325 Pixel - 72 dpi

Graphic/Product/Contact



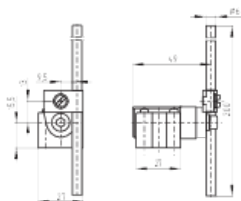
ID: k2o--k01

| 48,8 kB | .jpg | 352.778 x 125.236 mm - 1000 x 355

Pixel - 72 dpi

| 1,4 kB | .png | 74.083 x 26.458 mm - 210 x 75 Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1h336g03

| 3,8 kB | .png | 74.083 x 52.211 mm - 210 x 148 Pixel
- 72 dpi

| 72,8 kB | .cdr |

| 84,2 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703
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 522021-01-31T04:55:52+01:00401Europe/BerlinSun, 31 Jan 2021 04:55:52

```
+010052amSunday.31am31Europe/BerlinCET5501Europe/BerlinJanuary2021Sun, 31 Jan 2021 04:55:52
+010001am31
```