



## T4V10H 335-20Z

- 1 Cable entry M 20 x 1.5
- Metal enclosure
- Wide range of alternative actuators
- Good resistance to oil and petroleum spirit
- 40,5 mm x 76 mm x 38 mm
- Actuator heads can be repositioned by 4 x 90°
- Design to EN 50041
- **only for positioning tasks**

## Data

### Ordering data

Product type description	T4V10H 335-20Z
Article number (order number)	101082578
EAN (European Article Number)	4030661064192
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
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### General data

Housing construction form	Norm construction design
Housing material	Light alloy die-casting

Housing coating material	painted
Lever material	Metal film
Material of the rod	Plastic (Polyamid)
Gross weight	290 g

### General data - Features

Number of auxiliary contacts	2
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### Safety classification

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

### 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

Termination	Screw terminals M20 x 1.5
Cable section, minimum	0.75 mm <sup>2</sup>
Cable section, maximum	2.5 mm <sup>2</sup>
Note	All indications including the conductor ferrules.

### Mechanical data - Dimensions

Length x Width x Height	Height of sensor: 111.5 mm (without rod)
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Length of sensor	38 mm
Width of sensor	40.5 mm

### Ambient conditions

Degree of protection	IP65 IP67
Ambient temperature	-30 ... +80 °C

### Ambient conditions - Insulation values

Rated insulation voltage $U_i$	500 V
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	Normally open contact (NO)
Switching principle	Slow action
Bounce duration, maximum	2 ms
Switching frequency	5,000 /h
Material of the contacts, electrical	Silver

### Note

Note (General)	Switch with 2 NO contacts are not for security tasks
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## Pictures

### Product picture (catalogue individual photo)



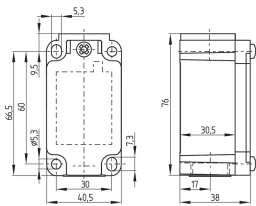
ID: k335hf03

| 1.0 MB | .jpg | 352.778 x 1124.303 mm - 1000 x 3187 px - 72 dpi

| 96.5 kB | .png | 74.083 x 236.008 mm - 210 x 669 px - 72 dpi

| 20.7 kB | .jpg | 38.806 x 123.472 mm - 110 x 350 px - 72 dpi

## Dimensional drawing basic component



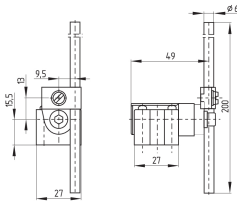
ID: 1-335g01

| 96.7 kB | .cdr |

| 4.5 kB | .png | 74.083 x 51.506 mm - 210 x 146 px - 72 dpi

| 105.8 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697 px - 72 dpi

## Dimensional drawing actuator



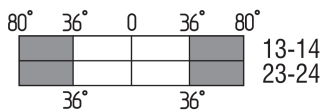
ID: 1h336g03

| 72.8 kB | .cdr |

| 3.8 kB | .png | 74.083 x 52.211 mm - 210 x 148 px - 72 dpi

| 84.2 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703 px - 72 dpi

## Switch travel diagram



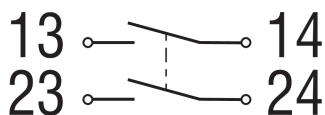
ID: kh335s04

| 24.0 kB | .cdr |

| 1.7 kB | .png | 74.083 x 23.636 mm - 210 x 67 px - 72 dpi

| 53.5 kB | .jpg | 352.778 x 112.889 mm - 1000 x 320 px - 72 dpi

## Diagram



ID: k--2sk01

| 51.9 kB | .jpg | 352.778 x 135.819 mm - 1000 x 385 px - 72 dpi

| 2.6 kB | .png | 74.083 x 28.575 mm - 210 x 81 px - 72 dpi

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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.

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