



Z4V7H 335-11Z-M20

- Snap action with constant contact pressure up to switching point
- 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°
- only for positioning tasks
- Design to EN 50041

Data

Ordering code

Product type description	Z4V7H 335-11Z-M20
Article number (order number)	101161691
EAN (European Article Number)	4030661196541
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	Light alloy die-casting
Housing coating material	painted
Lever material	Metal film
Gross weight	315 g

General data - Features

Number of auxiliary contacts	1
Number of safety contacts	1

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	Roller lever
Roller material	Plastic
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 Bounce duration	Bounce duration 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 ²
Cable section, maximum	2.5 mm ²
Note	All indications including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	57.3 mm
Width of sensor	40.5 mm
Height of sensor	173.5 mm

Ambient conditions

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

Ambient conditions - Insulation values

Rated insulation voltage U_i	500 V
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Rated impulse withstand voltage U_{imp}	6 kV
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Electrical data

Thermal test current	10 A
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Required rated short-circuit current	1,000 A
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Utilisation category AC-15	230 VAC
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Utilisation category AC-15	4 A
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Utilisation category DC-13	24 VDC
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Utilisation category DC-13	4 A
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Switching element	1 NO contact, 1 NC contacts
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Switching principle	Snap action
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Maximum switching frequency	5,000 /h
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Switchover time, maximum	2 ms
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Material of the contacts, electrical	Silver
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Pictures

Product picture (catalogue individual photo)



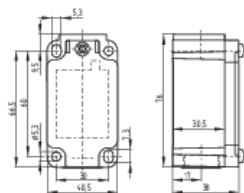
ID: k335hf02

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[| 23.06 KB | .jpg | 128 x 350 Pixel](#)

[| 123.55 KB | .png | 210 x 573 Pixel](#)

Dimensional drawing basic component

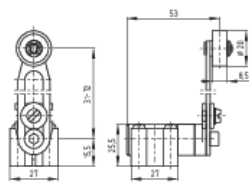


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[| 105.79 KB | .jpg | 1000 x 697 Pixel](#)

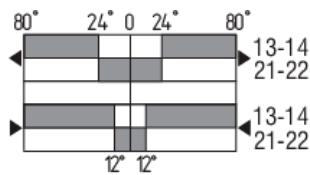
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Dimensional drawing actuator



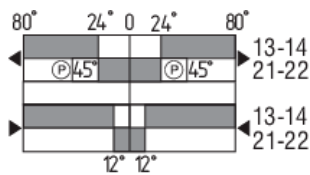
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| 9.58 KB | .png | 210 x 145 Pixel

Switch travel diagram



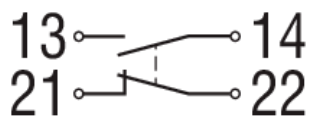
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| 2.36 KB | .png | 210 x 115 Pixel

Switch travel diagram



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| 2.98 KB | .png | 210 x 115 Pixel

Diagram



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| 2.58 KB | .png | 210 x 85 Pixel

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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