



Z4V7H 335-11Z-RMS-2138

- 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°
- Design to EN 50041

Data

Ordering data

Product type description	Z4V7H 335-11Z-RMS-2138
Article number (order number)	131180269
EAN (European Article Number)	8905236102288
eCl@ss number, version 12.0	27-27-26-01
eCl@ss number, version 11.0	27-27-26-01
eCl@ss number, version 9.0	27-27-26-01
ETIM number, version 7.0	EC000030
ETIM number, version 6.0	EC000030

Approvals - Standards

Certificates	cULus
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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
Gross weight	310 g

General data - Features

Safety functions	Yes
Number of auxiliary contacts	1
Number of safety contacts	1

Safety classification

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

Safety classification - Safety outputs

B10D Normally-closed contact (NC)	20,000,000 Operations
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Mechanical data

Actuating element	Roller lever
Roller material	Brass
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	171.5 mm

Ambient conditions

IP Degree of protection	IP67
	IP65

Ambient conditions

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 1 NO contact, 1 NC contacts

Switching principle Snap action

Maximum switching frequency 5,000 /h

Switchover time, maximum 2 ms

Material of the contacts, electrical Silver

Pictures

Product picture (catalogue individual photo)



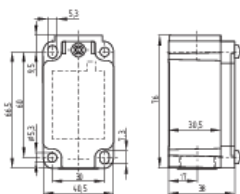
ID: k335hf07

| 1.12 MB | .jpg | 1000 x 3086 Pixel

| 31.21 KB | .jpg | 113 x 350 Pixel

| 193.73 KB | .png | 210 x 648 Pixel

Dimensional drawing basic component

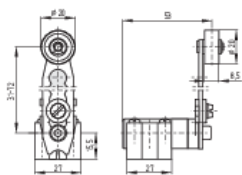


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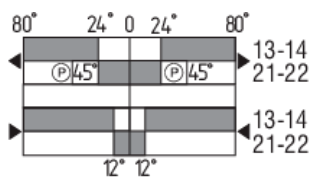
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Dimensional drawing actuator



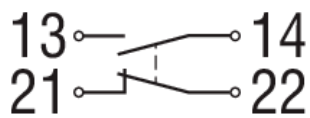
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| 10.31 KB | .png | 210 x 148 Pixel

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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