



ZV12H 235-11Z-RMS-2769-1

- Metal enclosure
- Wide range of alternative actuators
- Good resistance to oil and petroleum spirit
- 30 mm x 63,5 mm x 30 mm
- Actuator heads can be repositioned by 4 x 90°
- Mounting details to EN 50047
- Lever angle adjustable in 10° steps

Data

Ordering data

Product type description	ZV12H 235-11Z-RMS-2769-1
Article number (order number)	133046844

Approvals - Standards

Certificates	cULus
	CCC

General data

Standards	BG-GS-ET-15
	EN IEC 60947-5-1
	EN ISO 13849-1
Housing construction form	Norm construction design
Actuator type to EN 50047	A
Housing material	Metal, zinc die-cast
Lever material	Metal film

General data - Features

Safety functions	Yes
Number of auxiliary contacts	1

General data - Features

Number of safety contacts	1
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Safety classification

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

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

Actuating element	Roller lever
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Roller material	Brass
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Mechanical lifetime, minimum	20,000,000 Operations
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Actuating speed, minimum	687 mm/min
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Actuating speed, maximum	1 m/s
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Actuating torque, minimum	0.2 Nm
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Positive break torque	0.2 Nm
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Mechanical data - Connection technique

Termination	Screw terminals M20 x 1.5
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Cable section, minimum	0.75 mm ²
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Cable section, maximum	2.5 mm ²
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Note	All indications including the conductor ferrules.
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Mechanical data - Dimensions

Length of sensor	46 mm
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Width of sensor	30 mm
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Height of sensor	110.5 mm
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Ambient conditions

IP Degree of protection	IP67
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	IP65
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Ambient temperature	-30 ... +80 °C
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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	1 A
Switching element	1 NO contact, 1 NC contacts
Switching principle	Snap action
Bounce duration, maximum	3 ms
Maximum switching frequency	5,000 /h
Switchover time, maximum	5.5 ms
Material of the contacts, electrical	Silver

Note

Note (General) (-2769) lever with roller mounted rearwards

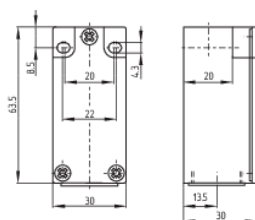
Pictures

Product picture (catalogue individual photo)



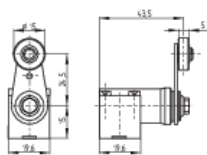
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Dimensional drawing basic component



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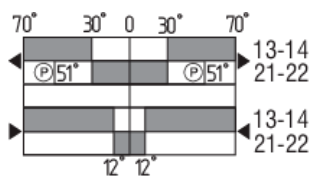
Dimensional drawing actuator



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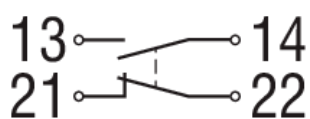
Switch travel diagram



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Diagram



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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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