



Z4VH 332-11Y-PG13,5

- Metal enclosure
- Wide range of alternative actuators
- Good resistance to oil and petroleum spirit
- 40 mm x 76 mm x 40 mm
- Actuator heads can be repositioned by 4 x 90°
- 1 Cable entry M 20 x 1.5
- Large contact break
- High repeat accuracy of the switching points
- Gold-plated solid silver contacts
- Magnetic-storage snap action system
- Switching system separated from snap action system, providing constant switching point independent of contact wear
- Design to EN 50041
- Lever angle adjustable in 10° steps

Data

Ordering data

EAN (European Article Number) 4030661024486

Approval - Standards

Certificates CCC
EAC

General data

Standards EN 60947-5-1
BG-GS-ET-15

Housing construction form Norm construction design

Actuator type to DIN EN 50041 A

Enclosure material	Metal film
Enclosure coating material	painted
Material of the contacts, electrical	Gold-plated silver
Lever material	Metal film
Roller material	Plastic
Gross weight	291 g

General data - Features

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

Safety appraisal

Standards	EN ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	20,000,000 Operations
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Mechanical data

Actuating element	Roller lever
Mechanical life, minimum	30,000,000 Operations
Contact opening	> 2 x 1.25 mm (for complete stroke)
Actuating speed, minimum	10 mm/min
Actuating torque, minimum	0.4 Nm
Repeat accuracy of switching points	0.02

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	1.5 mm ²
Cable section, maximum	2.5 mm ²

Mechanical data - Dimensions

Length of sensor	60.5 mm
Width of sensor	40 mm
Height of sensor	129.5 mm

Ambient conditions

Degree of protection	IP65
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+80 °C

Ambient conditions - Insulation value

Rated insulation voltage U_i	250 V
Rated impulse withstand voltage U_{imp}	4 kV

Electrical data

Thermal test current	6 A
Required rated short-circuit current to EN 60947-5-1	1,000 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	2.5 A
Switching element	NO contact, NC contact
Switching principle	Snap switch element
Bounce duration, maximum	2.5 ms
Switching frequency	3,000 /h
Switchover time, minimum	1.5 ms

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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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