

EX-Z4VH 355-02Z-3G/D



- Metal enclosure
- 66,7 mm x 76 mm x 38 mm
- 3 cable entries M 20 x 1.5
- Mounting details to EN 50041
- Good resistance to oil and petroleum spirit
- Actuator heads can be repositioned by 4 x 90°
- Including Ex-certified screwed cable gland and screw plug
- Snap action with constant contact pressure up to switching point

Data

Ordering data

	EX-Z4VH 355-02Z-3G/D
	101208072
EAN (European Article Number)	4030661373331
eCl@ss number, Version 9.0	27-27-26-01

Explosion protection

EN 60079-15
 EN 60079-31
 IEC 60079-0
 22
 2
 3D
 3G
 Ⓢ II 3G Ex nC IIC T5 Gc X
 Ⓢ II 3D Ex tc IIIC T90°C Dc X

Manufacturer declaration	ATEX Zone 2 and 22
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General data

Product name	EX-Z 355 roller lever H IEC 60947-5-1 BG-GS-ET-15
Housing construction form	Norm construction design A
Enclosure material	Light alloy die-casting
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Lever material	Metal film
Roller material	Plastic
Gross weight	345 g

General data - Features

Safety functions	Yes
Number of safety contacts	2

Safety appraisal

	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
Impact energy, maximum	1 J
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

Terminal Connector	Screw connection
Cable cross-section of the cable glands, minimum	7 mm
Cable cross-section of the cable glands, maximum	12 mm
	0.75 mm ²

2.5 mm²

Note (Cable section)

All indications about the cable section are including the conductor ferrules.

Wire cross-section

13 AWG

Mechanical data - Dimensions

Height of sensor

134 mm

Length of sensor

60.6 mm

Width of sensor

40.5 mm

Ambient conditions

IP67

Ambient temperature, minimum

-20 °C

Ambient temperature, maximum

+60 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage

6 kV

Electrical data

Thermal test current

10 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

Opener (NC)

Switching principle

Snap switch element

Switching frequency

5,000 /h

Switchover time, maximum

2 ms

Pictures

Photo/Product/Catalogue



ID: k355hf01

| 469,8 kB | .jpg | 208.844 x 338.667 mm - 592 x 960
Pixel - 72 dpi

| 80,7 kB | .png | 74.083 x 119.944 mm - 210 x 340
Pixel - 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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