

MV8H 330-11Y



- Long life
- Metal enclosure
- free of silicon
- 1 Cable entry M 20 x 1.5
- Lever can be transposed by 180°
- Suitable for low actuating speeds
- proved in power station applications
- 40 mm x 76 mm x 40 mm (basic component)
- Continuous adjustment of lever position 360°
- Actuator head can be repositioned in steps 4 x 90°

Data

Ordering data

	MV8H 330-11Y
	101167334
EAN (European Article Number)	4030661218847
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

DNV.GL
cULus
CCC
EAC

General data

Product name	330 roller lever 8H
	EN 60947-5-1
Active principle	mechanical
Slide form	Castor
Enclosure material	Cast iron
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Roller material	Plastic
Gross weight	277 g

General data - Features

Number of openers	1
Number of shutters	1

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 0.5 mm
Actuating speed, minimum	1 mm/min
Actuating torque	0.5 Nm
Repeat accuracy of switching points	0

Mechanical data - Connection technique

Terminal Connector	Screw connection
	1.5 mm ²
	2.5 mm ²
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	129.5 mm
Length of sensor	40 mm
Width of sensor	40 mm
Width of Castor	8.5 mm
Diameter of Castor	20 mm

Ambient conditions

Protection class	IP 65 to IEC/EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+90 °C
	50 g / 6 ms

Ambient conditions - Insulation value

Rated impulse withstand voltage	4 kV
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Electrical data

Thermal test current	6 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	2.5 A
Switching element	NO contact, NC contact
Note (Switching element)	galvanically separated contact bridges
Switching principle	Snap switch element
Bounce duration, maximum	43,221 ms
Switchover time, maximum	10 ms

Ordering code

Product type description:

M(1) 330-11Y-(2)-(3)

(1)

S Plunger S

2S Telescopic plunger 2S

R Roller plunger R

K Offset roller lever K

3K Angle roller lever 3K

3S Side plunger 3S

3R Side roller plunger 3R

AF Spring rod lever AF

4D Fork roller level 4D

8H Roller lever 8H

7H Roller lever 7H

10H Rod lever 10H

H Roller lever H

4H Spring rod lever on shaft 4H

2H Leaf spring lever 2H

3H Roller lever 3H

9H Rod lever 9H

6H Leaf spring lever 6H

(2)

without without LED switching conditions display

G24 with LED switching conditions display

(3)

AuNi Gold-nickel alloy contacts

1366 For temperatures up to +160°C

Illustration/Product/Function



| 15,2 kB | .cdr |
| 180,5 kB | .jpg | 352.778 x 749.3 mm - 1000 x 2124
Pixel - 72 dpi
| 3,4 kB | .png | 74.083 x 157.339 mm - 210 x 446
Pixel - 72 dpi

Technical drawing of a mechanical part showing front and side views with dimensions. The front view (left) shows a circular feature with a diameter of 20, a central hole with a diameter of 5.5, and a distance of 18 from the center to the bottom edge. The side view (right) shows a total length of 36.5, a distance of 8.5 from the left end to the start of the circular feature, and a distance of 8.5 from the right end to the start of the circular feature. The circular feature has a diameter of 20 and a central hole with a diameter of 5.5. The side view also shows a distance of 18 from the center of the circular feature to the bottom edge.

| 108,0 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703
Pixel - 72 dpi
| 9,6 kB | .png | 74.083 x 52.211 mm - 210 x 148 Pixel
- 72 dpi

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