



MV7H 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

	MV7H 330-11Y
	101158933
EAN (European Article Number)	4030661183237
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

DNV.GL
cULus
CCC
EAC

General data

Product name	330 roller lever 7H 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	364 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
-----------------------------------	-----------------------

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	232 mm
Length of sensor	40 mm
Width of sensor	40 mm
Width of Castor	9 mm
Diameter of Castor	37 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
---------------------------------	------

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

- 1164** Splined shaft and lever available with 10° toothing
- 1366** For temperatures up to +160°C

Pictures

Photo/Product/Catalogue

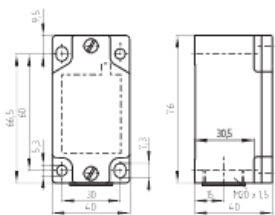


ID: km330f03

| 389,5 kB | .jpg | 127.353 x 432.153 mm - 361 x 1225 Pixel - 72 dpi

| 159,1 kB | .png | 74.083 x 251.178 mm - 210 x 712 Pixel - 72 dpi

Dimension/Product/Basic



ID: 1m330g01

| 107,3 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi

| 24,6 kB | .cdr |

| 4,0 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel - 72 dpi

Diagramm/Product/Travel



ID: km330s02

| 87,5 kB | .jpg | 352.778 x 210.256 mm - 1000 x 596 Pixel - 72 dpi

| 1,4 kB | .png | 74.083 x 52.564 mm - 210 x 149 Pixel - 72 dpi

Graphic/Product/Contact



ID: k1o1sk07

| 37,9 kB | .jpg | 352.778 x 146.403 mm - 1000 x 415 Pixel - 72 dpi

| 17,3 kB | .cdr |

Illistration/Product/Function



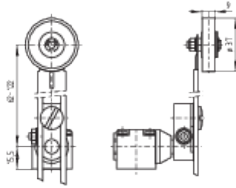
ID: 235hz02

| 16,8 kB | .cdr |

| 212,6 kB | .jpg | 352.778 x 870.656 mm - 1000 x 2468 Pixel - 72 dpi

| 3,8 kB | .png | 74.083 x 182.739 mm - 210 x 518 Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1m330b03

| 98,8 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi

| 9,8 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel - 72 dpi

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal

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.

Generated on 142021-01-31T15:18:14+01:000301Europe/BerlinSun, 31 Jan 2021 15:18:14

+010014pmSunday.31pm31Europe/BerlinCET1801Europe/BerlinJanuary2021Sun, 31 Jan 2021 15:18:14

+010001pm31