



## MV3H 017-22Y

- 3 Cable entry M 20 x 1.5
- Metal enclosure
- 4 Contacts
- 67 mm x 130 mm x 43 mm ( basic component)
- Actuator head can be repositioned in steps 4 x 90°
- Continuous adjustment of lever position 360°
- Lever can be transposed by 180°

## Data

### Ordering data

EAN (European Article Number)	4030661041056
eCl@ss number, Version 9.0	27-27-06-01
eCl@ss number, Version 11.0	27-27-06-01
ETIM number, version 6.0	EC000030
ETIM number, version 7.0	EC000030

### Approval - Standards

Certificates	CCC EAC
--------------	------------

### General data

Standards	EN 60947-5-1
Active principle	mechanical
Slide form	Castor

Enclosure material	Light-alloy diecast, paint finish
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Roller material	Plastic
Gross weight	525 g

## General data - Features

Number of openers	2
Number of shutters	2

## Mechanical data

Actuating element	Roller lever
Mechanical life, minimum	5,000,000 Operations
Actuating angle, from left of switch axis	30 °
Actuating angle, from right of switch axis	30 °
Contact opening	2 x 1.2 mm
Actuating speed, minimum	1 mm/min
Actuating speed, maximum	3 m/s
Note (Actuating speed)	Actuating speed with vertical actuating angle to switch axis
Actuating torque	0.2 Nm

## Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	1.5 mm <sup>2</sup>
Cable section, maximum	2.5 mm <sup>2</sup>
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Wire cross-section	13 AWG

## Mechanical data - Dimensions

Length of sensor	43 mm
Width of sensor	67 mm
Height of sensor	226 mm
Width of Castor	8 mm
Diameter of Castor	36 mm

## Ambient conditions

Degree of protection	IP65 to EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+90 °C

## Ambient conditions - Insulation value

Rated insulation voltage $U_i$	500 V
--------------------------------	-------

## Electrical data

Thermal test current	10 A
Utilisation category AC-15	400 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	2.5 ms
Switchover time, maximum	40 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.

Generated on: 11/9/2021, 8:55 AM