



MA 471-33Y

- Metal enclosure
- 4 or 6 Contacts
- 3 cable entries M 25 x 1.5
- 194 mm x 123 mm x 130 mm (basic component)
- Continuous adjustment of lever position 360°

Data

Ordering data

	MA 471-33Y
	101061053
EAN (European Article Number)	4030661057941
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	471 roller lever A
	EN 60947-5-1
Active principle	mechanical
Slide form	Castor
Enclosure material	Grey cast iron, galvanised
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Roller material	Plastic
Gross weight	4,645 g

General data - Features

Number of openers	3
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Number of shutters	3
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Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
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Mechanical data

Actuating element	Roller lever
Mechanical life, minimum	30,000 Operations
Actuating angle, from left of switch axis	30 °
Actuating angle, from right of switch axis	30 °
Contact opening	2 x 4 mm
Actuation direction	Slways 65° right-hand side rotation
Actuating speed, minimum	0.1 mm/min
Actuating speed, maximum	3 m/s
Note (Actuating speed)	Actuating speed with vertical actuating angle to switch axis

Mechanical data - Connection technique

Terminal Connector	Screw connection 1.5 mm ² 4 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.
Wire cross-section	11 AWG

Mechanical data - Dimensions

Height of sensor	143 mm
Length of sensor	190 mm
Width of sensor	194 mm
Width of Castor	9 mm
Diameter of Castor	36 mm

Ambient conditions

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

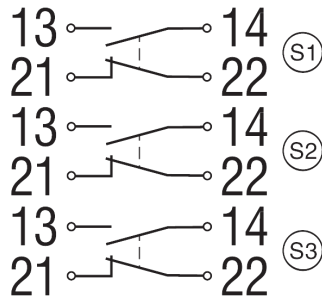
Ambient conditions - Insulation value

Rated impulse withstand voltage	6 kV
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Electrical data

Thermal test current	25 A
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| 4,7 kB | .jpg | 39.864 x 36.336 mm - 113 x 103 Pixel - 72 dpi

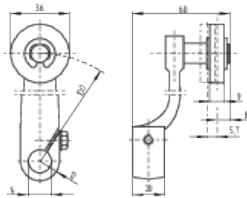
| 162,9 kB | .jpg | 352.778 x 321.733 mm - 1000 x 912 Pixel - 72 dpi

| 13,8 kB | .png | 50.038 x 45.635 mm - 591 x 539 Pixel - 300 dpi

| 23,6 kB | .cdr |

| 3,7 kB | .png | 74.083 x 67.381 mm - 210 x 191 Pixel - 72 dpi

Dimension/Product/Actuator



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| 9,9 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi

| 104,6 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693 Pixel - 72 dpi

Illustration/Product/Function



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| 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

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.

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