

MA 471-21Y

- **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 471-21Y
	101061004
EAN (European Article Number)	4030661057781
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	4,840 g
General data - Features	
Number of openers	1

Number of shutters	2
Safety appraisal - Safety outputs	
B10d Normally-closed contact (NC)	2,000,000 Operations
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 mm²
	4 mm²
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
Electrical data	
Thermal test current	25 A

Utilisation category AC-15	230 VAC
Utilisation category AC-15	10 A
Switching element	NO contact / NC contact
Note (Switching element)	galvanically separated contact bridges
Switching principle	Snap switch element
Switching frequency	1,000 /h

Pictures

Photo/Product/Catalogue



ID: ktm-af01

| 44,3 kB | .png | 74.083 x 128.058 mm - 210 x 363 Pixel - 72 dpi
| 463,2 kB | .jpg | 352.778 x 609.953 mm - 1000 x 1729 Pixel - 72 dpi

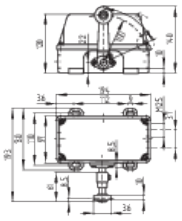
Photo/Product/Catalogue



ID: kt-47f02

| 23,3 kB | .png | 74.083 x 65.969 mm - 210 x 187 Pixel - 72 dpi
| 278,1 kB | .jpg | 352.778 x 313.619 mm - 1000 x 889 Pixel - 72 dpi

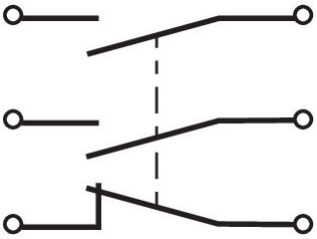
Dimension/Product/Basic



ID: 1t-47g02

| 10,6 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel - 72 dpi
| 118,6 kB | .jpg | 352.778 x 245.886 mm - 1000 x 697 Pixel - 72 dpi
| 41,3 kB | .cdr |

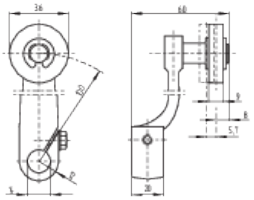
Graphic/Product/Contact



ID: k1o2sk02

| 61,9 kB | .jpg | 352.778 x 266.347 mm - 1000 x 755 Pixel - 72 dpi
| 23,8 kB | .cdr |

Dimension/Product/Actuator

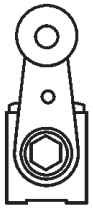


ID: 1tm-ab01

| 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

Illistration/Product/Function





ID: 235hz05

| 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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