



M2A 471-12/12Y

- 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

	M2A 471-12/12Y
	101061203
EAN (European Article Number)	4030661059594
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	471 roller lever 2A 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	5,635 g

General data - Features

Number of NC, left	2
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Number of NC, right	2
Number of NO, left	1
Number of NO, right	1

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	each time 60° right-hand side and left-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	163 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
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-af02

| 40,9 kB | .png | 74.083 x 139.347 mm - 210 x 395
Pixel - 72 dpi
| 458,1 kB | .jpg | 352.778 x 663.928 mm - 1000 x
1882 Pixel - 72 dpi

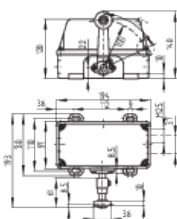
Photo/Product/Catalogue



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 |

Illustration/Product/Function



ID: 235hz05

| 15,2 kB | .cdr |

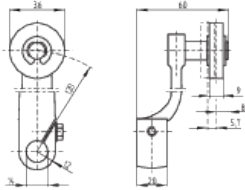
| 180,5 kB | .jpg | 352.778 x 749.3 mm - 1000 x 2124

Pixel - 72 dpi

| 3,4 kB | .png | 74.083 x 157.339 mm - 210 x 446

Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1tm-ab02

| 101,7 kB | .jpg | 352.778 x 244.475 mm - 1000 x 693

Pixel - 72 dpi

| 9,2 kB | .png | 74.083 x 51.153 mm - 210 x 145 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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