



MS 017-22Y

- 4 Contacts
- Metal enclosure
- 3 Cable entry M 20 x 1.5
- 67 mm x 130 mm x 43 mm (basic component)

Data

Ordering data

MS 017-22Y

101054923

EAN (European Article Number) 4030661002446

eCl@ss number, Version 9.0 27-27-06-01

Approval - Standards

CCC

EAC

General data

Product name	017 plunger S
	EN 60947-5-1
Active principle	mechanical
Slide form	Sphere
Enclosure material	Light-alloy diecast, paint finish
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	360 g

General data - Features

Number of openers	2
Number of shutters	2

Mechanical data

Actuating element	Plunger
Mechanical life, minimum	5,000,000 Operations
Actuating angle	20 °
Actuating force	16 N
Contact opening	2 x 1.2 mm
Actuating speed, minimum	1 mm/min
Actuating speed, maximum	1 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
	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	141 mm
Length of sensor	43 mm
Width of sensor	67 mm
Diameter of the Plunger	6 mm

Ambient conditions

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

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

Notes

Note (General) Actuation from the side of the plunger should be avoided, since this reduces the mechanical life of the position switch.

Ordering code

Product type description:

(1)(2) 017-(3)Y-(4)

(1)

T Slow action (not available for AF/S)

M Snap action

(2)

S Plunger S

2S Telescopic plunger 2S

K Offset roller lever K

2K Tilt lever 2K

3K Angle roller lever 3K

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

(3)

22 2 NO contacts/2 NC contact

13 1 NO contacts/3 NC contact

31 3 NO contacts/1 NC contact

(4)

UE Slow action with overlapping contacts

H Slow action with staggered contacts

C Magnetic blow-out

Pictures

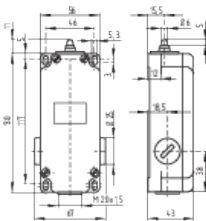
Photo/Product/Catalogue



ID: kts17f01

| 929,2 kB | .jpg | 352.778 x 613.128 mm - 1000 x 1738 Pixel - 72 dpi
| 63,9 kB | .png | 74.083 x 128.764 mm - 210 x 365 Pixel - 72 dpi

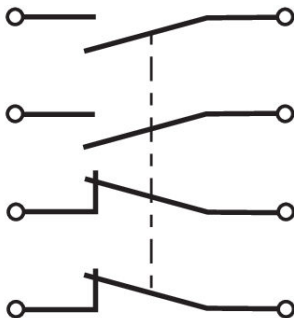
Dimension/Product/Basic



ID: 1t017g01

| 30,5 kB | .cdr |
| 9,1 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel - 72 dpi
| 187,6 kB | .jpg | 352.778 x 365.831 mm - 1000 x 1037 Pixel - 72 dpi

Graphic/Product/Contact



ID: k2o2sk04

| 19,1 kB | .cdr |
| 81,1 kB | .jpg | 352.778 x 379.236 mm - 1000 x 1075 Pixel - 72 dpi

Dimension/Product/Actuator



ID: 1t15sb01

| 25,9 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701 Pixel - 72 dpi
| 1,5 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel - 72 dpi

Illustration/Product/Function



ID: 235sz01

| 14,1 kB | .cdr |

| 1,8 kB | .png | 74.083 x 251.883 mm - 210 x 714

Pixel - 72 dpi

| 95,3 kB | .jpg | 352.778 x 1199.444 mm - 1000 x

3400 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 112021-01-31T15:27:11+01:000301Europe/BerlinSun, 31 Jan 2021 15:27:11

+010011pmSunday.31pm31Europe/BerlinCET2701Europe/BerlinJanuary2021Sun, 31 Jan 2021 15:27:11

+010001pm31