



TS 015-11Y

- 2 Contacts
- Metal enclosure
- 3 Cable entry M 20 x 1.5
- 67 mm x 75 mm x 43 mm (basic component)

Data

Ordering data

Note (Delivery capacity)	Phased-out product
	TS 015-11Y
	101170456
EAN (European Article Number)	4030661297682
eCl@ss number, Version 9.0	27-27-06-01

Approval - Standards

CCC
EAC

General data

Product name	015 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	229 g

General data - Features

Number of openers	1
Number of shutters	1

Mechanical data

Actuating element	Plunger
Mechanical life, minimum	5,000,000 Operations
Actuating angle	20 °
Actuating force	14 N
Contact opening	2 x 2.5 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 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	86 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	4 A
Switching element	NO contact, NC contact
Switching principle	Creep circuit element

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) 015-(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)

11 1 NO contacts/1 NC contact

02 2 NC contact

20 2 NO contacts

(4)

UE Slow action with overlapping contacts

H Slow action with staggered contacts

C Magnetic blow-out

Pictures

Photo/Product/Catalogue



ID: KT15SF01

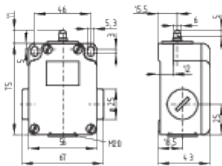
| 307,7 kB | .png | 43.519 x 50.038 mm - 514 x 591
Pixel - 300 dpi

| 45,7 kB | .jpg | 227.189 x 261.056 mm - 644 x 740
Pixel - 72 dpi

| 56,3 kB | .png | 74.083 x 85.019 mm - 210 x 241
Pixel - 72 dpi

| 724,9 kB | .jpg | 352.425 x 405.342 mm - 999 x 1149
Pixel - 72 dpi

Dimension/Product/Basic



ID: 1t015g02

| 8,3 kB | .png | 74.083 x 51.506 mm - 210 x 146 Pixel
- 72 dpi

| 158,3 kB | .jpg | 352.778 x 259.997 mm - 1000 x 737
Pixel - 72 dpi

| 32,1 kB | .cdr |

Diagramm/Product/Travel



ID: kt015s01

| 930,0 b | .png | 74.083 x 52.564 mm - 210 x 149
Pixel - 72 dpi

| 30,4 kB | .jpg | 352.778 x 165.806 mm - 1000 x 470
Pixel - 72 dpi

Graphic/Product/Contact



ID: k1o1sk07

| 37,9 kB | .jpg | 352.778 x 146.403 mm - 1000 x 415
Pixel - 72 dpi

| 17,3 kB | .cdr |

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 172021-01-31T15:20:17+01:000301Europe/BerlinSun, 31 Jan 2021 15:20:17

+010017pmSunday.31pm31Europe/BerlinCET2001Europe/BerlinJanuary2021Sun, 31 Jan 2021 15:20:17

+010001pm31