

TS 064-21Y

- Metal enclosure
- 3 or 4 Contacts
- 2 cable entries M 25 x 1.5
- 184 mm x 111 mm x 149 mm (basic component)
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

TS 064-21Y

101057470

EAN (European Article Number) 4030661365770

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

Approval - Standards

cULus

CCC

EAC

General data

Product name	064 plunger S
	EN 60947-5-1
Active principle	mechanical
Slide form	Sphere
Enclosure material	Grey cast iron, galvanised
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	3,270 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	Plunger
Mechanical life, minimum	1,000,000 Operations
Actuating angle	20 °
Contact opening	2 x 4 mm
Actuating speed, minimum	600 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 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	111 mm
Length of sensor	149 mm
Width of sensor	156 mm
Diameter of the Plunger	10 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	400 VAC
Utilisation category AC-15	25 A

Switching element	NO contact / NC contact
Note (Switching element)	with double break
Switching principle	Creep circuit element
Switching frequency	1,000 /h

Notes

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

Product type description:

T(1) 064-(2)Y-(3)

(1)

S Plunger S

J Offset roller lever J

X Offset roller lever X

(2)

03 3 NC contact

12 1 NO contact/2 NC contacts

21 2 NO contacts/1 NC contact

30 3 NO contacts

04 4 NC contact

13 1 NO contacts/3 NC contact

22 2 NO contacts/2 NC contact

31 3 NO contacts/1 NC contact

40 4 NO contacts

(3)

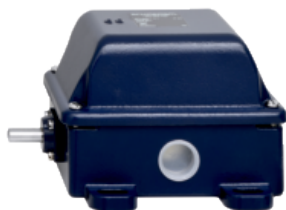
UE Slow action with overlapping contacts

H Slow action with staggered contacts

R Latching 2 x 45°

Pictures

Photo/Product/Catalogue



ID: kt-64f01

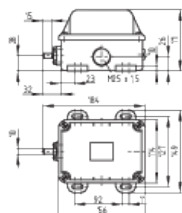
| 30,6 kB | .png | 74.083 x 59.267 mm - 210 x 168

Pixel - 72 dpi

| 460,9 kB | .jpg | 352.778 x 282.575 mm - 1000 x 801

Pixel - 72 dpi

Dimension/Product/Basic



ID: 1t-64g01

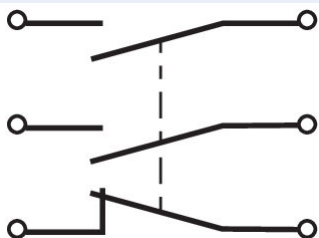
| 8,9 kB | .png | 74.083 x 51.858 mm - 210 x 147 Pixel
- 72 dpi

| 103,5 kB | .jpg | 352.778 x 247.297 mm - 1000 x 701

Pixel - 72 dpi

| 33,2 kB | .cdr |

Graphic/Product/Contact



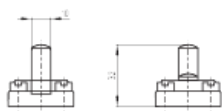
ID: k1o2sk02

| 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-sb01

| 2,0 kB | .png | 74.083 x 51.153 mm - 210 x 145 Pixel
- 72 dpi

| 38,3 kB | .jpg | 352.778 x 243.769 mm - 1000 x 691

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



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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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