

Datasheet - TS 064-12Y

Position switch / heavy Position switch / 064 / 064 Plunger S



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

(Minor differences between the printed image and the original product may exist!)

Ordering details


Product type description	TS 064-12Y
Article number	101057473
Strobe lamp	4030661253152
eCl@ss	27-27-06-01

Approval

Approval



Global Properties

Permanent light	064 Druckbolzen S
Standards	EN 60947-5-1
Compliance with the Directives (Y/N) 	Yes
Suitable for safety functions (Y/N)	No
Standard housing (Y/N)	No
Materials	
- Material of the housings	cast iron, galvanized
- Material of the contacts	Silver
Housing coating	painted
Weight	3240
Slide form	Sphere


Mechanical data

Design of electrical connection	Screw connection
Cable section	
- Min. Cable section	1.5
- Max. Cable section	4
AWG-Number	11
Active principle	mechanical
Mechanical life	1.000.000 operations
Switching frequency	1000
notice	All indications about the cable section are including the conductor ferrules.
Design of actuating element	Plunger
Contact opening	2 x 4
Actuating speed with vertical actuating angle to switch axis	
- Min. Actuating speed	0,01
- Max. Actuating speed	1
- Actuating angle	20

Ambient conditions

Ambient temperature	
- Min. environmental temperature	-30
- Max. environmental temperature	+90
Protection class	IP65 to IEC/EN 60529

Electrical data

Design of control element	Normally open contact (NO) Opener (NC)
- with double break	
Switching principle	Creep circuit element
- positive break NC contact 	
Number of shutters	1
Number of openers	2
Rated impulse withstand voltage	6
Rated insulation voltage	500
Thermal test current	25 A
Utilisation category	AC-15: 400 V / 25 A
Max. fuse rating	16 A gL/gG D-fuse

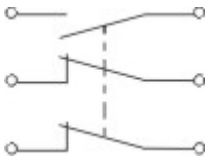
Dimensions

Dimensions of the sensor	
- Width of sensor	156
- Height of sensor	111
- Length of sensor	149
Slide diameter	10






notice

notice	Actuation from the side of the plunger should be avoided, since this reduces the mechanical life of the position switch.
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Diagram



Note Diagram

-  positive break NC contact
-  active
-  no active
-  Normally-open contact
-  Normally-closed contact

Ordering suffix

The applicable ordering suffix is added at the end of the part number of the safety switch.

Order example: TS 064-12Y- **H**

...- H	Slow action with staggered contacts
...- UE	Slow action with overlapping contacts

Ordering code

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

(1)	
S	Plunger S
J	Offset roller lever J
X	Offset roller lever X
(2)	
03	3 Opener (NC)
12	1 Normally open contact (NO) / 2 Opener (NC)
21	2 Normally open contact (NO) / 1 Opener (NC)
30	3 Normally open contact (NO)
04	4 Opener (NC)
13	1 Normally open contact (NO) / 3 Opener (NC)
22	2 Normally open contact (NO) / 2 Opener (NC)
31	3 Normally open contact (NO) / 1 Opener (NC)
40	4 Normally open contact (NO)
(3)	
UE	Slow action with overlapping contacts
H	Slow action with staggered contacts
R	latching 2x45°

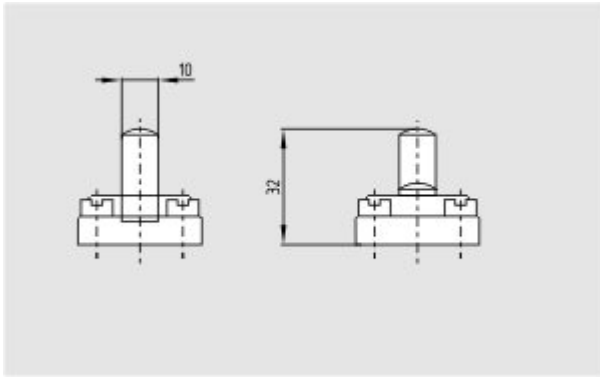
Documents

Operating instructions and Declaration of conformity (cn) 138 kB, 29.05.2017

Code: mrl_posi-allgemein_cn

Operating instructions and Declaration of conformity (it) 86 kB, 09.03.2016

Code: mrl_posi-allgemein_it



Dimensional drawing (miscellaneous)



Operating principle
