



TS 355-03Z

- Metal enclosure
- 66,7 mm x 76 mm x 38 mm
- Mounting details to EN 50041
- Switching points to EN 50041
- 3 cable entries lateral M 20 x 1.5
- Wide range of alternative actuators
- Good resistance to oil and petroleum spirit
- Actuator heads can be repositioned by 4 x 90°

Data

Ordering data

	TS 355-03Z
	101148309
EAN (European Article Number)	4030661146294
eCl@ss number, Version 9.0	27-27-26-01

Approval - Standards

cULus
CCC
EAC

General data

Product name	T 355 plunger S
Housing construction form	Norm construction design B
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	250 g

General data - Features

Safety functions	Yes
Number of safety contacts	3

Safety appraisal

ISO 13849-1

Mission Time

20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)

20,000,000 Operations

Mechanical data

Actuating element

Plunger

Mechanical life, minimum

30,000,000 Operations

Actuating force, minimum

17 N

Actuating speed, maximum

0.5 m/s

Note (Switchover time)

Switchover time in accordance with actuating speed

Mechanical data - Connection technique

Terminal Connector

Screw connection

0.75 mm²

2.5 mm²

Note (Cable section)

All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Height of sensor

103.5 mm

Length of sensor

38 mm

Width of sensor

66.7 mm

Ambient conditions

IP67

Ambient temperature, minimum

-30 °C

Ambient temperature, maximum

+80 °C

Ambient conditions - Insulation value

Rated impulse withstand voltage

4 kV

Electrical data

Thermal test current

10 A

Required rated short-circuit current to EN 60947-5-1

1,000 A

Utilisation category AC-15

230 VAC

Utilisation category AC-15

4 A

Utilisation category DC-13	24 VDC
Utilisation category DC-13	4 A
Switching element	Opener (NC)
Switching principle	Slow action
Bounce duration, maximum	2 ms
Switching frequency	5,000 /h

Ordering code

Product type description:

(1)(2) 3(3)5-(4)Z(5)-(6)-(7)-(8)-(9)

(1)

Z Snap action

T Slow action (not available for AF/S)

(2)

S Plunger S

R Roller plunger R

H Roller lever H

10H Rod lever 10H

7H Roller lever 7H

1K Offset roller lever 1K

3K Angle roller lever 3K

RMS Brass roller

(3)

3 slim design

5 large design

(4)

11 1 NO contacts/1 NC contact

02 2 NC contact

20 2 NO contacts (not suitable for safety applications)

01/01 1 NC contact left / 1 NC contact right

12 1 NO contact/2 NC contacts

03 3 NC contact

(5)

H Slow action with staggered contacts

UE Slow action with overlapping contacts

(6)

G24 with LED

without	Cable entry M20
NPT	Cable entry NPT 1/2"
ST	M12 connector with A-coding (Caution! According to EN 60204-1, the versions with connector must only be used in PELV circuits.)
ST-2310	M12 connector with B-coding (Caution! According to EN 60204-1, the versions with connector must only be used in PELV circuits.)

2138 Roller lever 7H for position switches with safety function

1637 Gold-plated contacts

Pictures

Photo/Product/Catalogue

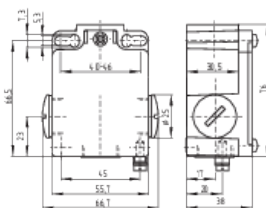


ID: k355sf01

| 111,4 kB | .png | 74.083 x 112.183 mm - 210 x 318
Pixel - 72 dpi

| 275,1 kB | .jpg | 127.353 x 192.969 mm - 361 x 547
Pixel - 72 dpi

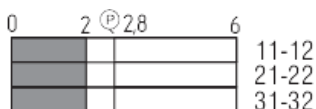
Dimension/Product/Basic



ID: 1x355g01

| 10,6 kB | .png | 74.083 x 51.506 mm - 210 x 146
Pixel - 72 dpi
| 132,5 kB | .jpg | 352.778 x 245.181 mm - 1000 x 695
Pixel - 72 dpi
| 32,9 kB | .cdr |

Diagramm/Product/Travel

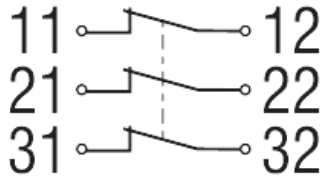


ID: kr335s17

| 1,8 kB | .png | 74.083 x 25.047 mm - 210 x 71 Pixel - 72 dpi
| 25,8 kB | .cdr |
| 51,0 kB | .jpg | 352.778 x 119.592 mm - 1000 x 339 Pixel - 72 dpi

Graphic/Product/Contact

ID: k3o3sk01



| 82,7 kB | .jpg | 352.778 x 191.558 mm - 1000 x 543

Pixel - 72 dpi

| 18,9 kB | .cdr |

| 2,4 kB | .png | 74.083 x 40.217 mm - 210 x 114 Pixel

- 72 dpi

| 6,7 kB | .png | 50.038 x 27.178 mm - 591 x 321 Pixel

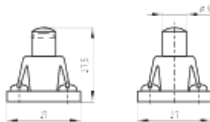
- 300 dpi

| 2,4 kB | .jpg | 33.161 x 17.992 mm - 94 x 51 Pixel -

72 dpi

Dimension/Product/Actuator

ID: 1s336g01



| 2,7 kB | .png | 74.083 x 52.211 mm - 210 x 148 Pixel

- 72 dpi

| 48,9 kB | .cdr |

| 52,6 kB | .jpg | 352.778 x 248.003 mm - 1000 x 703

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.

Generated on 112021-01-31T05:01:11+01:000501Europe/BerlinSun, 31 Jan 2021 05:01:11

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