

SDG01.1044

- Long life
- Metal enclosure
- 50 mm x 152 mm x 43 mm
- Head positioned to the front

Data

Ordering data

Product type description	SDG01.1044
Article number (order number)	101020910
eCl@ss number, Version 9.0	27-27-26-02
eCl@ss number, Version 11.0	27-27-26-02

Approval - Standards

Certificates	cULus
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General data

Product name	SDG
Standards	BG-GS-ET-15 EN 60947-5-1 EN ISO 14119
Enclosure material	Aluminium
Enclosure coating material	painted
Material of the contacts, electrical	Silver
Gross weight	400 g

General data - Features

Number of auxiliary contacts	2
Number of safety contacts	1

Safety appraisal

Standards	EN ISO 13849-1
Mission Time	20 Year(s)

Safety appraisal - Safety outputs

B10d Normally-closed contact (NC)	2,000,000 Operations
B10d Normally open contact (NO)	1,000,000 Operations

Mechanical data

Mechanical life, minimum	1,000,000 Operations
positive break travel	11 mm
Positive break force, minimum	5 N
Note (Positive break force)	per NC

Mechanical data - Connection technique

Terminal Connector	Screw connection
Cable section, minimum	0.5 mm ²
Cable section, maximum	2.5 mm ²
Note (Cable section)	All indications about the cable section are including the conductor ferrules.

Mechanical data - Dimensions

Length of sensor	43 mm
Width of sensor	50 mm
Height of sensor	152 mm

Ambient conditions

Degree of protection	IP 67 to IEC/EN 60529
Ambient temperature, minimum	-25 °C
Ambient temperature, maximum	+70 °C

Ambient conditions - Insulation value

Rated insulation voltage U_i	400 V
Rated impulse withstand voltage U_{imp}	2.5 kV

Electrical data

Thermal test current	10 A
Utilisation category AC-15	230 VAC
Utilisation category AC-15	8 A
Utilisation category DC-13	24 VDC
Utilisation category DC-13	5 A
Switching element	NO contact, NC contact
Switching principle	Creep circuit element

Scope of delivery

Included in delivery

Actuators must be ordered separately.

Ordering code

Product type description:

SDG(1)/(2)

(1)

01 Head positioned to the front

02 Head positioned to the left

03 Head positioned to the right

04 Head positioned to the rear

(2)

1103 2 NC contact / 1 NO contact slow action switching contact

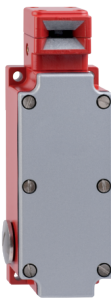
3330 3 NC contacts slow action switching contact

3440 3 NC contacts gradually slow action switching contact

1044 1 NC contact / 2 NO contacts slow action switching contact

Pictures

Product picture (catalogue individual photo)



ID: ksdg-f01

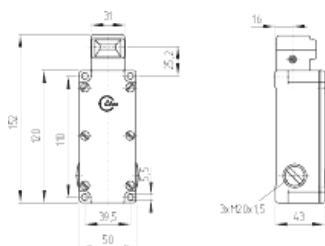
| 88,6 kB | .png | 74.083 x 168.275 mm - 210 x 477

Pixel - 72 dpi

| 1,2 MB | .jpg | 333.375 x 757.767 mm - 945 x 2148

Pixel - 72 dpi

Dimensional drawing basic component



ID: kshg-g03

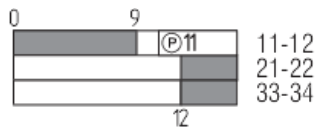
| 4,1 kB | .png | 74.083 x 55.033 mm - 210 x 156 Pixel
- 72 dpi

| 31,9 kB | .cdr |

| 113,7 kB | .jpg | 352.778 x 262.114 mm - 1000 x 743
Pixel - 72 dpi

Switch travel diagram

ID: kshg-s07

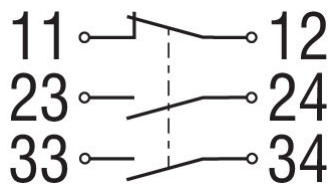


| 1,9 kB | .png | 74.083 x 27.517 mm - 210 x 78 Pixel - 72 dpi

| 20,1 kB | .cdr |

| 48,5 kB | .jpg | 352.778 x 131.586 mm - 1000 x 373 Pixel - 72 dpi

Diagram



ID: kshg-k05

| 87,7 kB | .jpg | 352.778 x 191.558 mm - 1000 x 543 Pixel - 72 dpi

| 17,7 kB | .cdr |

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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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