

SD-I-U-PN



- Series-wiring of different devices possible
- Automatic addressing of the safety switchgear in the SD interface
- Series-wiring of the diagnostic lines of max. 31 safety switchgear
- UNIVERSAL Gateway for the series-wiring of the diagnostic signals of safety switchgear with integrated SD interface.
- Reduced wiring efforts and costs as a result of the series-wiring of the safety channels and the diagnostic cables in the field.
- Comprehensive volumes of status and diagnostic data of the SD devices are transmitted to the control system through the field bus interface.

Data

Ordering data

Product type description	SD-I-U-PN
Article number (order number)	101209434
EAN (European Article Number)	4030661448909
eCl@ss number, Version 9.0	27-23-02-08

General data

Product name	UNIVERSAL-Gateway
Weight	200 g

General data - Features

Integral System Diagnostics, status	Yes
Number of LEDs	1

Mechanical data

Mounting	Snaps onto standard DIN rail to EN 60715
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Mechanical data - Connection technique

Terminal Connector Cage clamps

Mechanical data - Dimensions

Width 50 mm
Height 100 mm
Depth 80 mm

Ambient conditions

Protection class of the enclosure IP20
Ambient temperature, minimum +0 °C
Ambient temperature, maximum +55 °C
Storage and transport temperature, minimum -25 °C
Storage and transport temperature, maximum +75 °C
Relative humidity, minimum 30 %
Relative humidity, maximum 85 %
Note (Relative humidity) non-condensing
Resistance to vibrations to EN 60068-2-6 10 ... 57 Hz, Amplitude 0.35 mm
57 ... 150 Hz, with 5 g
Resistance to shock 10 g

Ambient conditions - Insulation value

Rated impulse withstand voltage 0.5 kV
II
Degree of pollution to VDE 0110 2

Electrical data

Rated operating voltage 24 VDC, - 15 % / + 20 % (stabilised PELV)
Operating current 500 mA

Electrical data - Communication protocols

PROFINET IO

Electrical data - Electromagnetic compatibility (EMC)

EN 61000-4-2
EN 61000-4-4
EN 61000-4-5
IEC 61000-6-4 (2002)
EN 61000-4-3
EN 61000-4-6

Other data

Note (applications) Safety sensor
Guard system

Documents

Datasheet (provisional PDF)

(2,4 MB, 10.05.2019)

Mounting and wiring instructions

(750,6 kB, 10.05.2019, Revision C)

Info

(68,7 kB, 10.05.2019)

Device description files

Brochure

(5,7 MB, 07.11.2019, Revision 09)

Software (Download)

Pictures

Product picture (catalogue individual photo)



ID: kunisf01

| 91,0 kB | .png | 74.083 x 152.753 mm - 210 x 433

Pixel - 72 dpi

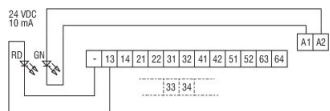
| 746,6 kB | .jpg | 256.117 x 529.167 mm - 726 x 1500

Pixel - 72 dpi

| 3,8 kB | .jpg | 35.278 x 35.278 mm - 100 x 100 Pixel -
72 dpi

| 174,0 kB | .jpg | 32 x 66.1 mm - 320 x 661 Pixel - 254
dpi

Wiring example



ID: kazm1101

| 59,8 kB | .jpg | 352.778 x 115.006 mm - 1000 x 326
Pixel - 72 dpi
| 37,6 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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