



SD-I-DP-V0-2

- The PROFIBUS Gateway SD-I-DP-V0-2 is a PROFIBUS slave
- Protection class IP 10 device for control cabinet mounting, for standard DIN rails
- PROFIBUS Gateway SD-I-DP-V0-2 to convert serial diagnostic signals to the PROFIBUS DP protocol

Data

Ordering data

Product type description	SD-I-DP-V0-2
Article number (order number)	101192805
EAN (European Article Number)	4030661353951
eCl@ss number, Version 9.0	27-23-02-08

General data

Product name	SD Gateway
Weight	120 g

General data - Features

Integral System Diagnostics, status	Yes
Number of LEDs	4

Mechanical data

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

Terminal Connector	Cage clamps
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Mechanical data - Dimensions

Width	50 mm
Height	72 mm

Depth 97 mm

Ambient conditions

Protection class of the enclosure IP10
Ambient temperature, minimum -5 °C
Ambient temperature, maximum +55 °C
Storage and transport temperature, minimum -25 °C
Storage and transport temperature, maximum +85 °C
Resistance to vibrations to EN 60068-2-6 5 ... 9 Hz, Amplitude 3.5 mm
9 ... 150 Hz, with 1 g
Resistance to shock 15 g / 11 ms

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 250 mA

Status indication

Note (LED switching conditions display) ON permanent light green: supply voltage present
PB Flashing signal: PROFIBUS initialisation
PB Permanent light red: PROFIBUS error
SD Flashing signal: = SD gateway initialisation
SD Permanent light Red: = SD Gateway fault

Other data

Note (applications) Safety sensor
Guard system

Notes

Note (General) Detailed functions, see programming and configuration manual of the SD Gateway

Circuit example

Note (Wiring diagram) Serial diagnostics of series-wired safety sensors/solenoid interlocks
Devices with serial diagnostic option: AZ 200, AZM 200, CSS 30S, CSS 34, MZM 100

Documents

Wiring example (electr. wiring)

Mounting and wiring instructions

(200,5 kB, 10.05.2019, Revision C)

Info

(941,6 kB, 10.05.2019)

EC Declaration of conformity

(79,5 kB, 10.05.2019)

Brochure

(5,7 MB, 07.11.2019, Revision 09)

Pictures

Product picture (catalogue individual photo)



ID: kpbsdf02

| 141,0 kB | .jpg | 27.093 x 45.974 mm - 320 x 543

Pixel - 300 dpi

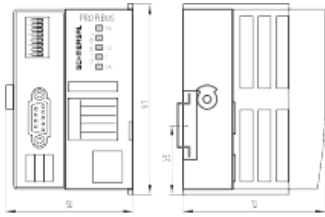
| 3,5 kB | .jpg | 35.278 x 35.278 mm - 100 x 100 Pixel -
72 dpi

| 1,2 MB | .jpg | 352.778 x 599.017 mm - 1000 x 1698
Pixel - 72 dpi

| 86,6 kB | .png | 74.083 x 125.589 mm - 210 x 356
Pixel - 72 dpi

Dimensional drawing basic component

ID: kpbsdg01



| 28,7 kB | .cdr |

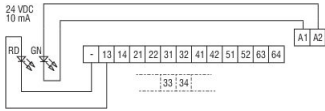
| 3,6 kB | .jpg | 35.278 x 35.278 mm - 100 x 100 Pixel - 72 dpi

| 108,6 kB | .jpg | 352.778 x 232.481 mm - 1000 x 659 Pixel - 72 dpi

| 3,3 kB | .png | 74.083 x 48.683 mm - 210 x 138 Pixel - 72 dpi

| 28,8 kB | .jpg | 112.889 x 74.436 mm - 320 x 211 Pixel - 72 dpi

Wiring example



ID: kazm1i01

| 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.

Generated on 21.04.2020 23:36:21