



SD-I-U-EC

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

Data

Ordering data

EAN (European Article Number)	4030661452210
eCI@ss number, Version 9.0	27-23-02-08

General data

Gross weight	322 g
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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

Degree of protection 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 insulation voltage U_i	32 V
Rated impulse withstand voltage U_{imp}	0.5 kV
Overvoltage category	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

Field bus	EtherCAT
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Electrical data - Electromagnetic compatibility (EMC)

Electromagnetic compatibility	EN 61000-4-2 EN 61000-4-4 EN 61000-4-5
Interfering radiation	IEC 61000-6-4 (2002)
EMC rating	EN 61000-4-3 EN 61000-4-6

Other data

Note (applications)	Safety sensor Guard system
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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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