



SD-I-U-MT

- 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)	4030661459028
eCI@ss number, Version 9.0	27-23-02-08

General data

Gross weight	200 g
--------------	-------

General data - Features

Integral System Diagnostics, status	Yes
Number of LEDs	1

Mechanical data

Mounting	Snap onto standard DIN rail to EN 60715
----------	---

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	Modbus TCP
-----------	------------

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
---------------------	-------------------------------

Schmersal, Inc., 15 Skyline Drive, Hawthorne, NY 10532

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: 11/9/2021, 9:58 AM