



monitor DD2503

URL: <https://www.sxplc.com/monitor-dd2503>

Product data sheet

Product Characteristics

Housings

Housing for DIN rail mounting

Dimensions [mm]

78 x 45 x 124.7

Application

Applications

Pulse estimation system for frequency band processors; speed; velocity; pulse and machine cycles

Electrical data

Rated voltage AC [V]

110.... .240

Rated voltage DC [V]

27

Rated voltage tolerance [%]

< 10

Rated voltage tolerance2 [%]

20.... .10

Rated frequency AC [Hz]

50... .60

Power consumption [W]

3

Auxiliary energy for the sensor DC [V]

19.6.... .27.7; (SELV, ? 15 mA)

Total inputs/outputs

Total number of inputs and outputs

Number of analog outputs: 1; Number of relay outputs: 2

Outputs

Number of relay outputs

2

Relay interface capacity

6 A (250 V AC, 30 V DC); B300, R300; (ohmic resistance)

Number of analog outputs

1

Analog current output [mA]

4.... .20

Maximum load value [?]

500

Measuring/setting range

Setting range [Hz

0.1.... .1000

Setting range [Imp/min]

1... .60000

Operating conditions

Ambient temperature [°C]

-40.... .60

Storage temperature [°C]

-40.... .85

Maximum permissible relative humidity [%]

80; (40 °C: 50 %)

Enclosure protection class

IP 50

Protection class terminal block

IP 20

Certifications/Tests

EMC Electromagnetic Compatibility

EN 61010

2011

EMV 89/336/EWG

EN 61000-6-2

2005

EN 61000-6-4

2007

MTTF [year]

152

Mechanical Technical Data

Weight [g]

381.5

Housing

Housing for DIN rail mounting

Dimensions [mm]

78 x 45 x 124.7

Material

Plastic

Display/operating elements

Displays

OLED display, 128 x 64 pixels Illuminated

Switching status

LED, Green

Annotation

Commentary

This product complies with overvoltage category II; pollution degree 2

Electrical connection

Dual-chamber terminal block: 2 x .2.5 mm²; AWG 14

