



Solar Monitor

SM2-MU (Main Unit)

Version Start, 60, 300, 1000

- new modular version of Solar Monitor
- provides actual data of PV plant
- shows graphs and statistics stored in its memory
- sends alarms via e-mails
- reads sensors (irradiance, temperature, etc.)
- simple configuration using web interface
- allows sending data to remote storage

Technical Specification

Data Storage	8GB μ SD card
User Interface	RJ45 (100BASE-T)-100Mbit/s, compatible with 10/100/1000 Mbit/s networks
Protocols	HTTP, SOAP, DNS, UDP Setup, Telnet, ARP, ICMP, SMTP
Inverter Interface	2 x RS485 or 1 x RS422 (software selectable)
Inputs	DI1, DI2, DI3 (S0 electrometer connection), optically isolated, 1-wire bus (up to 10 sensors)
Outputs	1 x relay (32 V, 3 A), protected by a fuse

www.solarmonitor.cz

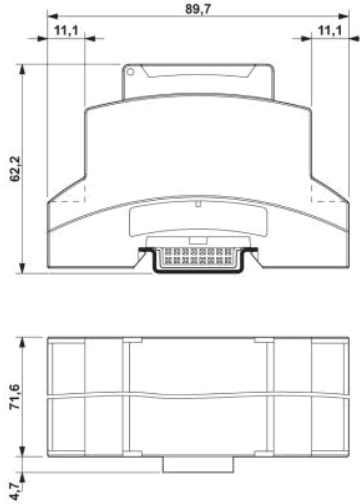
Solar Monitor s.r.o., Czech Republic
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Mechanical Data

Dimensions	71,6 x 89,7 x 62,2 mm
Terminal	Diameter 0,5 mm ² - 1,5 mm ²
Operating Temperature	0 °C to +70 °C
LEDs	Status, RS485, Sensors
Installation	DIN rail

Electrical Specifications

Power	9-35 V, typ. 1,2 W
DI1, DI2, DI3	8-80 V
1 Wire	max. cable length 100 m, ext. 5 V, max. 350 mA, protected by a fuse 500 mA

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