

HD50R-MB

35 mm DIN rail data logger

Master RS485 Modbus-RTU interface and Ethernet connectivity



Data logger with **Master** RS485 Modbus-RTU interface for acquiring sensors with RS485 Modbus-RTU output (for example an anemometer of the HD52.3D... series). A voltage-free contact input allows connecting a rain gauge with contact output.

It communicates with the PC/PLC via **USB** or **Ethernet** local network (proprietary TCP/IP or Modbus TCP/IP protocol).

Measurements are stored in the internal memory (from 259,000 to 890,500 samples depending on the number of acquired quantities) and transmitted, if the data logger is connected via Ethernet and the local network has an Internet connection, via **e-mail**, via **FTP** and to an **HTTP server** (e.g. a cloud platform).

Acoustic alarm with internal buzzer. It allows sending alarm **e-mails**.

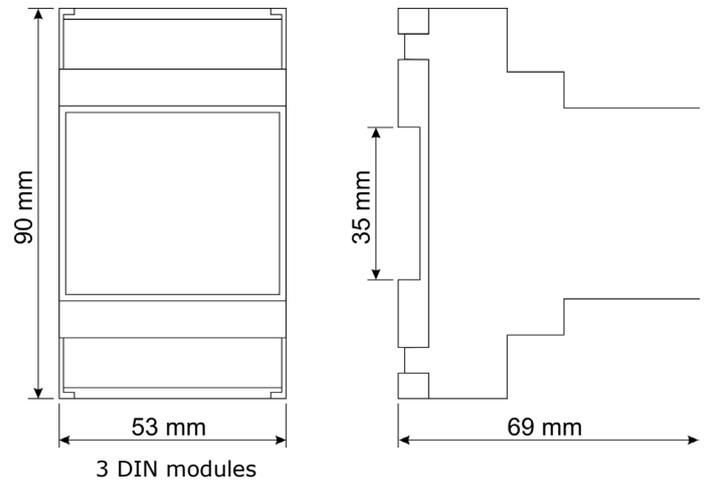
Configuration via **HD35AP-S** software, downloadable online.

7...30 Vdc external power supply.

35 mm DIN rail installation.

TECHNICAL CHARACTERISTICS

Measuring interval	1, 2, 5, 10, 15, 30 s / 1, 2, 5, 10, 15, 30, 60 min (the minimum interval may be greater than 1 s if several devices are acquired)
Logging interval	1, 2, 5, 10, 15, 30 s / 1, 2, 5, 10, 15, 30, 60 min (the minimum interval may be greater than 1 s if several devices are acquired)
Internal memory	Circular management or stop logging if memory is full.
Interfaces	ETHERNET (RJ45 connector) with proprietary TCP/IP or Modbus TCP/IP protocol USB (mini-USB connector) Master RS485 Modbus-RTU (for acquiring the sensors)
Alarm	Acoustic by means of the internal buzzer and sending of e-mails
Power supply	External 7...30 Vdc
Consumption	40 mA @ 24 Vdc
LED indicators	Power supply and LAN connection
Operating conditions	-10...+60 °C / 0...85 %RH non condensing
Housing	Plastic material
Weight	200 g approx.
Installation	35 mm DIN rail



EXAMPLE

