



**WARNING**  
 Danger due to electric shock  
 A DEHNrecord SD may only be installed and connected by a qualified electrician in accordance with the standards of the country!

IEC 60417-6182:

Installation,  
 electrotechnical expertise

Web server

The basic settings can be entered via the internal web server. Location, network settings, settings, assignment and type of external coils/transducers for current measurement, and much more. Access to the web server is explained under "Commissioning".

Modbus TCP

Device access via Ethernet interface enables access to parameters access to parameters, limit values, current, cyclical data/status and event data statuses and event data.

DEHNmonitor PQ (Cloud from DEHN)

Configuration of the DEHNrecord SD and access to current, cyclical and event current, cyclical and past data/stats/event data incl. detailed histories. data incl. detailed histories.

Scope of delivery

## Service description

The DEHNrecord SD is a DIN rail-mountable measuring and analysing and analyser for:

Power quality according to EN61000-4-30, class A

The analysis is carried out according to EN50160 and individual specifications.

Impulse currents

Surge current pulses can be detected and analysed via an external sensor.

and analysed via an external sensor.

Current, power, energy

Load and neutral currents can be measured via up to 4 current sensors.

and neutral conductor currents can be measured and the corresponding power and energy values can be determined.

Mains frequency overvoltages in accordance with EN50550

are recognised and switch-off information for an external

an external main protective device can be set.

Digital inputs and outputs

Inputs can be monitored for status changes and

logically linked (e.g. SPD monitoring).

Outputs can be assigned user-specifically to the internal functions assigned to internal functions.

Device (incl. plug connector IO and plug connector CM)

Installation instructions

Accessories (optional)

Pulse current sensor

Current sensors (hinged current transformers, Rogowski coils)

Comb rails (suitable for surge protection device)

Waste disposal



The appliance must not be disposed of with household waste! be disposed of with household waste! Further information can be found on our homepage: [www.dehn.de](http://www.dehn.de)