## multimess D6



## Three-phase network measuring device

Highlights $\rightarrow$ Deployable in 3-wire or 4-wire networks
$\rightarrow$ Modbus and eBus interface
$\rightarrow 40$ day load profile memory ( $\mathrm{P}+|\mathrm{P}-|\mathrm{Q}+| \mathrm{Q}-$ )
$\rightarrow$ Annual energy memory for daily values of active and reactive energy ( $\mathrm{P}+|\mathrm{P}-|\mathrm{Q}+| \mathrm{Q}-)$
$\rightarrow$ Event memory for recording tariff switching commands. Power failures, error messages etc.

An overview of thetechnical details can be found on pages 30 to 33 .

The multimess D6 DIN rail measuring device is ideal for reliable use in 3 -wire and 4 -wire networks. It is equipped with a bus connection and internal non-volatile data memory for a 4-quadrant load profile. The active and reactive energy is stored separately for energy consumption and recovery (4-quadrant measurement). In addition to the internal and external tariff control for two tariffs, as well as various synchronization possibilities, the device features a
pulse output with programmable pulse value. To display measured values, the device has a 6-digit LCD display as well as 6 status LEDs. The KBR eBUS lets you retrieve the energy consumption data of the energy memory along with advanced measurement functions.

The standards DIN EN 61036 (IEC 1036) and DIN 61268 (IEC 1268) were used when developing this measuring device.

Active energy or reactive energy proportional pulses can be output via a programmable output laid out as an S0 interface. The pulse output type (proportional to active or reactive energy for consumption or recovery) as well as the pulse value (number of pulses per kWh or per kvarh) and the pulse length can be configured.

## Memory functions:

- 4-quadrant load profile memory to record the cumulated active and reactive power (consumption and recovery)
- Memory to record the daily energy values for 365 days
- Memory for the previous month's maximum measurement period
- Event memory (4096 entries), for logging actions of the meter such as mains failures, tariff switches, delete functions, etc.


## Your power supply in good hands

$\checkmark$ Measurement technology
$\sqrt{ }$ Energy optimization
$\sqrt{ }$ Energy data collection
$\checkmark$ Third-party quantity limitation


## multimess Device matrix



## multimess Device matrix



