

# SINEAX DME 407/408

## Energy Management in 3-phase systems via Ethernet

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## Energy management in 3-phase systems

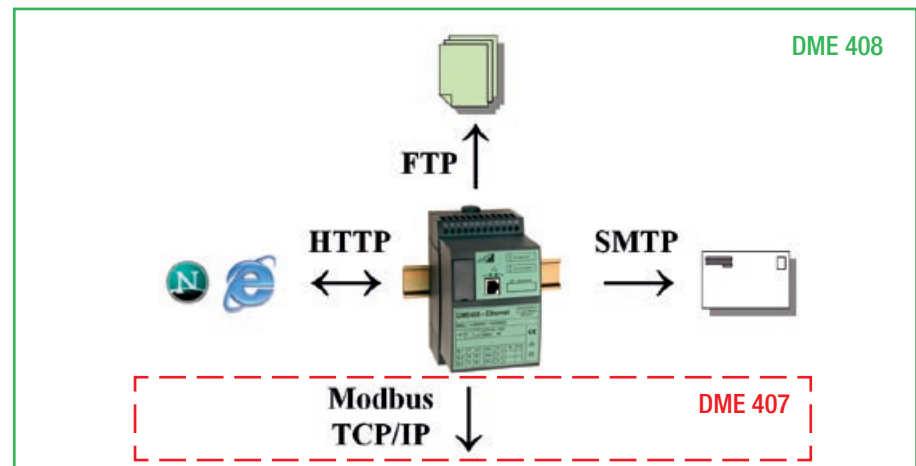
### Main features

- Accurate reporting (class 0.2) of the present system state
- Recording energy consumption and billing data (load profiles, meters)
- Remote acquisition of measurement data via Ethernet using WEB-Browser (http), file transfer (ftp) or Modbus over TCP/IP protocol
- Acquisition of mean values for any desired measurand with trend calculation and logging of their progression
- Monitoring alarm limits: Alarming via E-Mail (smtp)
- Periodical transmission of measurement data via E-Mail
- Functionally separated configuration of the installation bound measuring task and the analysis of measurement data via Ethernet
- Built-in, synchronizable realtime clock for time stamping of measurands

### Application

The devices may be used for any remote application to record state informations and billing data for power feeders, distributions or specific loads in electrical systems. They can be connected via intranet or internet. For an on-site display the devices can be used along with the display unit A200, which visu-alizes all state information via high-contrast LED displays.

All described functions are combined in a DME 408. To use it in superior systems using the „Modbus over TCP/IP“ protocol not all functions are really needed. The DME 407 therefore doesn't supports mail and file transfer and provides no measurand acquisition via browser.



### Ethernet demos

Visit the ethernet demos on our homepage. A DME 408 is arranged in the mains input of our factory and delivers online energy consumption data via WEB browser. Additionally a downloadable application software shows the capabilities of measurement acquisition and analysis using the Modbus over TCP/IP interface.

### Accuracy

State measurands: class 0.2  
 Active energy meters: class 1 (IEC 1036)  
 Reactive energy meters: class 2 (IEC 1268)

### Technical data

Ethernet connector: RJ45  
 Physical layer: 10/100 Base-T  
 Power supply: AC/DC 85...230 V



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Rely on us.

Camille Bauer AG  
 Aargauerstrasse 7  
 CH-5610 Wohlen / Switzerland  
 Phone: +41 56 618 21 11  
 Fax: +41 56 618 35 35  
 e-Mail: info@camillebauer.com  
 www.camillebauer.com