

COUNTIS E with communication option: the new active and reactive energy meters from SOCOMEC

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To meet requirements for managing energy costs via closer monitoring of consumption, SOCOMEC has completed its range of COUNTIS E energy meters with models comprising Modbus or M-Bus communication for ratings of 32 A, 63 A and 80 A.

Special features

As an important first step toward making energy savings, the COUNTIS E active and reactive energy meters take highly accurate measurements whilst giving access to other electrical parameters needed for managing energy costs. Designed for two-phase and three-phase networks, the new COUNTIS E offer Modbus (RS-485) or M-Bus communication, depending on the model selected. All the COUNTIS E also have a backlit LCD screen for local display of information. Connection is made directly to the network (without current transformers).

The modular energy meters of the COUNTIS E range fully meet the requirements and constraints of any electrical installation for the metering of active and reactive energy: industry, healthcare establishments, data centers, infrastructure, commercial buildings, etc.

Additional functions

Beyond the centralisation of energy consumption, the communication offers other advantages:

- remote configuration of meters via SOCOMEC's EASY CONFIG software (saves valuable time thanks to the copy/paste function for configuration settings),
- possibility of assigning consumption to two tariffs (two different time slots) for more detailed monitoring of energy costs,
- measurements of electrical values other than those visible on the product's display screen: I, V, P, Q, S and PF,
- bidirectional metering (positive and negative energies),
- energy supervision via the VERTELIS energy management software or other EMS, BMS, etc.

Conformity to standards

Each COUNTIS E is available in certified MID “module B+D” version, an indispensable function for applications re-invoicing energy. The certification guarantees the accuracy of displayed values and that the product is tamper-proof. The “module B+D” level certifies that the design and manufacturing process of the products have been checked by an external independent laboratory.

What’s more, all the COUNTIS E comply with requirements as set out in:

- standard IEC 62053-21 (active energy),
- standard IEC 62053-23 (reactive energy),
- French thermal regulation RT 2012,
- standard ISO 50001.

Key points:

- Active and reactive energy meters for 32 A, 63 A and 80 A ratings with direct connection
- Multi-protocol communication: Modbus (RS-485) or M-Bus
- Tamper-proof metering: each model is supplied with MID certification
- Quick and easy to install with EASY CONFIG software
- Functions available via the communication protocols: double tariff, I, V, P, Q, S and PF measurements

Photo



For an HD version of the products photos: [click here](#)

ABOUT SOCOMEC

Founded in 1922, SOCOMEC is an industrial group with a workforce of over 3000 people around the world in 21 subsidiaries. Our core business: the availability, control and safety of low voltage electrical networks... with increased focus on our customers' power performance. In 2012, SOCOMEC posted turnover of 441 million euros.



FOR MORE INFORMATION

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