

Energy Meters, AEM, APM & BEM

Cost-effective, Compact and Simple to Integrate in Existing Systems



DEIF's complete range of modular energy and power meters includes single-phase and 3-phase energy meters which can measure up to 80 A directly on the power supply or through current transformers.

Cost-effective, compact and built for DIN mounting, the energy meters are easy to integrate as part of existing energy systems or to incorporate as part of energy management solutions for light industry, hospitals, institutions, and other medium-sized workplaces.

The units have green back-lit LCD screens for easy reading and displays both kWh/VArh and W/VAr. They offer accuracy class 1 for active energy (according to EN 50470-3), and have been approved according to the European MID directive. In cases of faulty mounting, the display will indicate Phase Sequence Error.

AEM Features

- ✓ Single-phase and 3-phase, up to 80 A direct measuring
- ✓ 3-phase, for current transformers
- ✓ Displays kWh/VArh and W/VAr, import/export
- ✓ MID-approved
- ✓ 2 SO pulse outputs
- ✓ 2 tariffs
- ✓ Green backlight
- ✓ IR communication for optional interfaces
- ✓ Voltage inputs and supply voltage:
184 to 276V AC L-N, 50 Hz

APM Features

- ✓ Up to 80 A direct measuring
- ✓ 3-phase, for current transformers
- ✓ Display all three phases
- ✓ I, U, PF, Hz, P, Q, S or energy import/export
- ✓ 2 SO pulse outputs
- ✓ Green backlight
- ✓ IR communication for optional interfaces
- ✓ Voltage inputs and supply voltage:
184 to 276V AC L-N, 50 Hz

BEM Features

- ✓ Up to 80 A direct measuring
- ✓ 3-phase, for current transformers
- ✓ Displays kWh, import/export
- ✓ 2 SO pulse outputs
- ✓ 2 tariffs
- ✓ Phases Sequence Error indicator
- ✓ MID-approved (optional)
- ✓ kWh reset (not on the MID-approved)
- ✓ Voltage inputs and supply voltage:
184 to 276V AC L-N, 50 Hz

AEM, APM & BEM Type Approval

