

# REPORT

## 7E Series



**finder**<sup>®</sup>

SWITCH TO THE FUTURE

**NEW**



### Single and three-phase Energy Meters

Type 7E.64

Type 7E.78

Type 7E.86

**Measure power to save money**

#### Applications

- Energy monitoring systems
- Measurement and remote monitoring of energy generated from renewable sources
- Energy monitoring of charging stations, production lines or individual machines
- Energy billing within campsites, marinas, shopping centres
- Totalization of energy consumption within hotels, exhibition booths, communal areas

Compact and **MID certified**, these single and three-phase Energy Meters are suitable for measuring energy within residential and industrial locations. **Compliant with EN 50470-3, Class B accuracy**, and equipped with integral S0, RS485 Modbus, M-Bus or Ethernet Modbus TCP communications port.

**SINGLE-PHASE VERSION**



The single-phase version bi-directional energy meters is for direct current connection up to 40 A and in addition to energy, measures and transmits via the communications port other key electrical parameters for instance as voltage, current, active power, power factor, frequency...

- Type 7E.64.8.230.0001**
- 40 A / 230 V AC
  - kWh, kW, V only
  - S0 interface

- Type 7E.64.8.230.0010**
- 40 A / 230 V AC
  - Multifunction
  - S0 interface
  - MID certified

- Type 7E.64.8.230.0210**
- 40 A / 230 V AC
  - Multifunction
  - Modbus + S0 interface
  - MID certified

- Type 7E.64.8.230.0310**
- 40 A / 230 V AC
  - Multifunction
  - M-Bus + S0 interface
  - MID certified

**THREE-PHASE VERSION**

The three-phase models can handle direct current connection up to 80 A, and higher using CT. They can handle bi-directional power flow, and can operate with 3 or 4 wire supply systems (depends by model). They display and transmit the active power, reactive and apparent power, as well as frequency, phase-sequence, voltage and current levels and others parameters.



- Type 7E.78.8.400.0112**
- 80 A / 400 V AC
  - S0 interface
  - Dual tariff
  - MID certified

- Type 7E.78.8.400.0212**
- 80 A / 400 V AC
  - Modbus + S0 interface
  - Dual tariff
  - MID certified

- Type 7E.78.8.400.0312**
- 80 A / 400 V AC
  - M-Bus + S0 interface
  - Dual tariff
  - MID certified

- Type 7E.78.8.400.0410**
- 80 A / 400 V AC
  - Ethernet Modbus TCP + S0 interface
  - MID certified



- Type 7E.86.8.400.0112**
- 6 A / 400 V AC
  - S0 interface
  - Up to 50 000 A using current transformer
  - Dual tariff
  - MID certified

- Type 7E.86.8.400.0212**
- 6 A / 400 V AC
  - Modbus + S0 interface
  - Up to 50 000 A using current transformer
  - Dual tariff
  - MID certified

- Type 7E.86.8.400.0312**
- 6 A / 400 V AC
  - M-Bus + S0 interface
  - Up to 50 000 A using current transformer
  - Dual tariff
  - MID certified

- Type 7E.86.8.400.0410**
- 6 A / 400 V AC
  - Ethernet Modbus TCP + S0 interface
  - Up to 50 000 A using current transformer
  - MID certified

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