

Energy meter | DPM-D532I / DPM-D533I

DIN-mounted energy meters | with built-in current transformer for industrial applications

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|---------------------------|---|
| Article: | DPM-D532I / DPM-D533I |
| Brand: | Delta Electronics |
| Model: | D532I / D533I |
| Certification / Accuracy: | IEC 62053-22 Class 0.5S |
| Communication | RS-485 (Modbus RTU / ASCII) |
| Input voltage: | DPM-D532I: Integrated via measurement input DPM-D533I: DC 12–60 V |
| Outputs: | Digital I/O |
| Measurement functions | Voltage, current, power, energy, power factor, frequency |
| Current measurement: | Built-in current transformer (up to 63 A) |



Description

The DPM-D532I and DPM-D533I are compact DIN-mounted energy meters with built-in current transformer, developed for quick and space-saving installation in control cabinets. Thanks to the integrated CT solution, no external current transformers are needed, which simplifies assembly and reduces installation time.

The energy meters measure voltage, current, power, energy and power factor with high accuracy according to IEC 62053-22. They support data logging, alarm functions and communication via RS-485 (Modbus), making them suitable for energy monitoring, tracking and integration into PLC, SCADA and IIoT systems.

The DPM-D533I offers a wider input voltage range and external DC power supply compared to the DPM-D532I, providing increased flexibility in more demanding installations.

Article number

| Art.No | Description | Input Voltage Range | Voltage (measure) | Current (measure) | Measuring system | Communication | Current transformer | Unit | Pc |
|-----------|--------------------------|----------------------------------|-------------------|-----------------------|------------------|---------------------------|---------------------------|------|----|
| DPM-D532I | Energy Meter DPM-D532I | Integrated via measurement input | 20–400V AC (L-N) | Built-in CT up to 63A | 1P2W, 3P3W, 3P4W | RS-485 (Modbus RTU/ASCII) | Built-in (no external CT) | st | 1 |
| DPM-D533I | Energy meter DPM-D533I | 12–60V DC | 20–400V AC (L-N) | Built-in CT up to 63A | 1P2W, 3P3W, 3P4W | RS-485 (Modbus RTU/ASCII) | Built-in (no external CT) | st | 1 |