

Energy meter | DPM-DA510 / DPM-DA530

DIN-mounted energy meters | for energy monitoring in control cabinets and industrial systems

Article:	DPM-DA510 / DPM-DA530
Brand:	Delta Electronics
Model:	DA510 / DA530
Certification / Accuracy:	IEC 62053-22 Class 0.5S
Communication:	RS-485 (Modbus RTU)
Input voltage:	Via measurement input
Outputs:	Pulse outputs
Measurement functions:	Voltage, current, power, energy, power factor
Extended features:	DA530: THD measurement, demand, time-of-use, data logging



Description

The DPM-DA510 and DPM-DA530 are DIN-mounted energy meters intended for reliable measurement and monitoring of energy consumption in industrial installations and control cabinets. They are primarily used for energy monitoring, monitoring and data collection in automation and IIoT systems.

Both models measure voltage, current, power and energy and communicate via RS-485 (Modbus RTU) for integration into PLC, SCADA and monitoring systems.

The DPM-DA510 is the base model for basic energy measurement, while DPM-DA530 offers extended features such as THD measurement, time-of-use energy measurement, power calculation and data logging, making it suitable for more advanced energy monitoring.

The models require an external current transformer (CT), which provides flexibility in selecting the current level and is suitable for installations where higher currents are to be measured.

Article number

Art.No	Description	Input Voltage Range	Voltage (measure)	Current (measure)	Measuring system	Communication	Extended Features	Unit	Pc
DPM-DA510	Energy Meter DPM-DA510	Via measurement input	20–400V AC (L-N)	1A/5A (external CT)	1P2W, 3P3W, 3P4W	RS-485 (Modbus RTU)	Basic function for energy monitoring	st	1
DPM-DA530	Energy Meter DPM-DA530	Via measurement input	20–400V AC (L-N)	1A/5A (external CT)	1P2W, 3P3W, 3P4W	RS-485 (Modbus RTU)	THD, demand, time-of-use, data logging	st	1