

Controllers & Energy Meters



The DMR-162 Demand Controller is a precision instrument designed for energy management and panel applications. It measures and controls key industrial process variables, offering programmable CTs up to 9999A, with RS-485 Modbus communication and relay outputs rated at 7A. Its robust LED display and IP-65 protection ensure durability. The device is suitable for demand controlling and monitoring, energy management systems, and various panel applications, including DG set panels, LT/HT panels, and motor control centers. The controller features selectable 1Ø-2W, 3Ø-3W/4W configurations, voltage measurement from 100V to 520kVAC, and THD analysis up to 32nd order.

The AVH-16 Multifunction Meter extends functionality by combining harmonic monitoring with import-export energy measurement, making it particularly well suited for control and relay panels, DG set panels, and power control centers. Like the DMR-162, it offers selectable wiring options and voltage measurement up to 520kVAC, but adds the benefit of tracking bidirectional energy flow, a critical factor in modern grids with distributed generation. Its communication capabilities and accuracy class 0.5 ensure seamless integration into energy management systems, providing both monitoring and control in industrial applications.

For simpler requirements, the MFM-13 Low-High Voltage Multi Meter provides a cost-effective solution for installations where advanced monitoring or higher current ratings aren't necessary. Designed to measure stepped-down voltage and current from PTs and CTs, it supports inputs up to 550kVAC and CT primaries up to 6000A. While it omits advanced harmonic and import-export features, it remains highly capable for sub-station panels, power control centres, and motor control centres in applications such as HVAC, conveyors, and water treatment plants.

Any one of these three devices offer scalable solutions, ranging from advanced demand control to simpler monitoring.

Call our office for more information on multifunction meters and controllers.

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