



# Accurate and adaptable busway metering

## PowerLogic™ HDPM6000 for busway configurations



PowerLogic HDPM6000 high-density, multi-circuit power meters provide an all-in-one solution for today's modular and distributed architectures in large and critical power applications

The HDPM6000's flexible platform helps to minimize integration costs, start-up time and operational expenses, as well as provide insight, accuracy and results. The HDPM6000 head unit provides voltage waveform capture, data logging and full Ethernet communication. The adaptable HDPM6000B communicates with the head unit and can be installed or retrofitted into any busway configuration with a high density of circuits.

### Applications

- **Energy cost allocation**
  - » Accurately correlate and/or bill for circuit- and process-specific costs, keep users accountable for energy use
- **Energy monitoring**
  - » Gather and analyze consumption data to identify patterns, target energy efficiency measures and verify results, identify waste and opportunities to reduce energy
- **Power quality monitoring per circuit (THD + waveform capture)**
  - » Analyze and interpret power quality data into useful information, improve system-wide performance, help determine causes of equipment malfunction
- **Energy billing**
  - » View current and historic circuit-focused energy bills, compare use across circuits, discover trends over time
- **Compliance**
  - » ASHRAE 90.1-2016, Seattle energy code, Title 24, etc.\*

### Asset management

- Monitor up to 192 circuits
- Identify increased harmonics in the rack servers to detect a potential failure (THD/circuit, waveform capture/circuit)

### Robust communications

- Support for MODBUS, SNMP and BACnet TCP/IP

### Cybersecurity

- Helps minimize vulnerabilities to critical power assets and systems and reinforce security strategy

### Data logging

- On-board memory for data logging
- Meet the needs of robust code compliance applications

### Modular and scalable

- Adapts to expanding electrical networks
- Scalable, future-proof capabilities
- Simplified installation for reduced wiring issues

### Busway solution

- Embedded web page for configuration and monitoring
- Touch screen HMI (optional) for data display
- EcoStruxure™ Power integration

\* Contact your Schneider Electric sales representative for confirmation on compliance to other local standards not mentioned here

# Busway configuration

Modular and distributed design suitable for large and critical applications

## HDPM6000 head unit

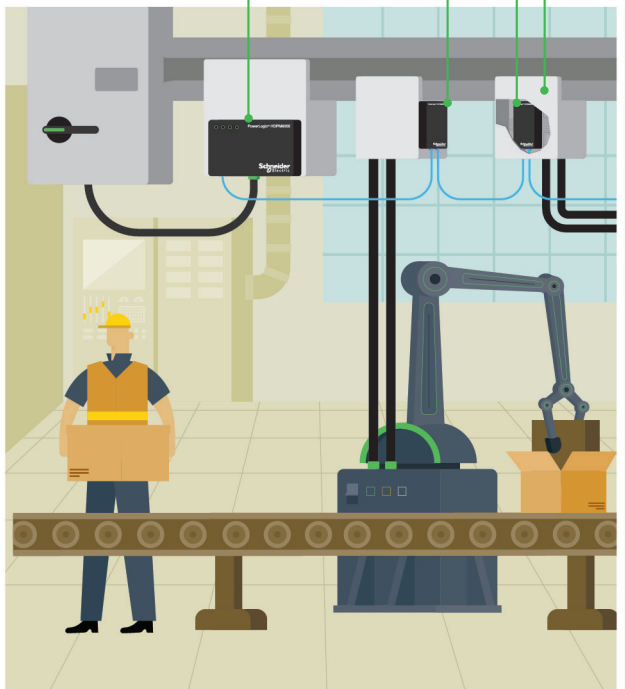
The HDPM6000 head unit serves as a stand-alone 3-phase power quality meter and the foundational unit for the entire HDPM6000 range. With 1% accuracy, THD metrics and waveform capture, the meter helps monitor and manage critical circuits with greater reliability. CTs can be added or removed after the system is deployed and are available in any size from 20A to 4000A (250mV rating).\*

\* Contact your Schneider Electric sales representative for ratings above 4000A

## HDPM6000B features

- Four or eight circuit modules
- Waveform capture (six cycles)
- Metering system parameters: V, I, PF, kW, kWh, kVA, kVAh, kVA, kVAh, THDv, THDi
- Combine up to 48 four-circuit tap cards, 24 eight-circuit tap cards, or any combination of the two types of tap card units, totaling up to a maximum of 192 circuits in a single chain

Optional inside mounted HDPM6000B



## Busway monitoring solution

Access the meter via IP address to commission, setup, configure alarms, view power quality data and waveforms. Use touch screen HMI display to view real time meter data, and integrate with EcoStruxure Power applications via EcoStruxure Power Monitoring Expert or EcoStruxure Power SCADA Operation.

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