



E-ACLM-3P480

3-Phase Power Monitor

The 3-Phase AC Voltage and/or Current Monitor Monitors and reports the True RMS Voltage, RMS Current, Frequency, Active Power, Reactive Power, Phase angle and Power Factor for any 3-phase circuit, such as the power a building consumes.

- Reports True RMS Voltage, RMS Current, Active Power and Reactive Power. (Frequency, phase angle, and power factor are also displayed but the reported values are not used for alerts or data logging.)
 - RMS Voltage, RMS Current, Active Power and Reactive Power are each measured and reported on a per phase basis
 - Monitors one single or three-phase circuit (not multiple independent single-phase circuits)
 - Current and power measurements require current transformers (sold separately).
 - Measurement update rate once per second (via software).
- Common applications include: electrical systems, power equipment, generators, remote sites, controlled environment vaults (CEVs), building automation, data center, cabinets, telecom, substations, storage power supplies, communication huts, indoor/outdoor lighting, power distribution, and medical and test equipment.
- Three 2-wire terminal blocks provided for easy attachment of optional current transformers with 16-26AWG wires (sold separately)
 - The use of Split-core current transformers allows installation without disconnecting conductors.
 - Accuracy and range are current transformer-dependent.
- Input primary voltage: Up to 552 VAC RMS, 2000VDC Isolated
 - 4-wire terminal block provided for bare-wire or crimp terminal attachment of primary voltage sample
- Frequency: 50/60Hz
- Maximum primary current: limited only by the current transformer used
- Powered by E-2D/5D/16D
- Dimensions WxDxH (in): 6.82x3.0x1.725 (173x76x44 mm).
- Supports 24AWG CAT5/5e/6 cable up to 300 ft (91 m).
- Regulatory approvals: CE, RoHS.
- How to install: voltage inputs tie directly into the line. Caution: should be installed by qualified electricians only.
 - Make sure electrical service is disconnected before making any electrical connections.
- Compatible with [E-FSC](#) Fiber Converter/Extender.
 - Use to extend sensor up to 1.2 miles (2 km) from the ENVIROMUX unit.

Note: The E-xD must be running firmware version 2.43 or later in order to use the E-ACLM-3P480 with it. Refer to the E-xD manual for firmware upgrade instructions as needed.

