

Application

The E-Mon D-Mon[®] ECA-2 (External Contact Adapter) allows the user to monitor the utility electric meter with the E-Mon Energy software. A pulse contact provided by the utility meter sends energy information via the ECA-2 to the IDR data accumulator. The E-Mon Energy software, in turn, reads the kilowatt-hour and demand data from the IDR. This data can be used for the purpose of energy conservation, demand-side management programs, utility rebate incentives, cost analysis or monthly comparisons of usage. Additionally, the ECA-2 can be used with water, gas and BTU meters with contact (pulse) output.

E-Mon D-Mon submeters can be added to the system when more detailed information is required pertaining to specific areas or departments in the facility.

Description

The ECA-2 is designed to connect utility meters with pulse contacts to the E-Mon Energy system through the IDR interface unit. The ECA-2 can be installed up to 500 feet away from the utility meter if required.

Technical Specifications

Voltage to External Contact: 5Vdc

Dimensions: 2.3" W x 2" H x 1" D

Output: 3' cord with modular connector (plugs into IDR computer interface)

Installation Diagram

