

Take Control of Your Energy Through Technology

As a part of its commitment to providing energy management solutions at every level from complex industrial and commercial systems to easy-to-use domestic products - Eaton has recently introduced the Efergy Elite wireless electricity monitor, designed specifically for the home-owner.

Just by making the average householder aware of their energy use, Efergy can save up to 15% on electricity bills.

With Efergy you can monitor every electrical appliance in every room of your home - TV, dishwasher, fridge freezer, boiler, cooker, PC - so you can literally take control of your energy consumption... and drastically reduce the size of your carbon footprint.

The low-cost Efergy unit updates every 6 seconds - so you see the immediate impact of turning a light on or off, for example, or boiling a kettle.

Its unique memory function lets you check how much energy you used today, yesterday, or last week or month... and the monitor displays the daily average - so you can see the exact change in consumption as it happens.

Harnessing the Sun's Power Safely & Efficiently

The sun offers enormous energy potential – carbon neutral and free of charge. Solar energy is becoming increasingly important, especially in supplying power to buildings even in northern latitudes.

Eaton has the problem-solving skills and provides the technologies to safely and reliably harness and feed this energy into the power grid from both home systems and solar parks. Eaton offers the full range of balance of system products with state-of-the-art components and services for private and commercial applications.

Reduce Energy Consumption

Get Smart Solutions for Electrical Distribution in Commercial Buildings

Eaton's metering solutions address the need to measure electricity consumption and now; split metering options for separate small power and lighting circuits have been added to the range to fully meet the needs of the L2 regulations. The meters provide a pulsed output for kWh for simple integration, with Modbus communication as an alternative option. In many cases, the meters display other useful parameters, including line voltage and current.

Eaton's Memshield 3 meter packs provide simple integration with matched aesthetics to the 'A' and 'B' style Memshield 3 MCB distribution boards. Versions for type 'A' boards utilize MID compliant meters as standard and for type 'B' boards, there is a version with an MID approved meter as well as an OFGEM version for billing application.

For three phase applications, the EBMPCT250 employs a multi-function meter to measure the electrical parameters on the supplies to TPN distribution boards. It can also be used to meter single-phase loads. The unit is supplied complete with CT's and wiring terminals.

Suitable for 100A - 250A applications with a pulsed output for kWh, the meter also monitors for display, other parameters, including line voltage and current. The voltage reference connection within the associated distribution board is facilitated on the main busbar, maintaining the full capacity of outgoing circuits.

Wiring Accessories

The requirements of Part M of the UK Building Regulations, covering design for people with physical and visual disabilities, can be satisfied with the Clip-on Plate accessory range (COPA). Cover plates can be selected to contrast with the surrounding décor and/or switch rockers can be selected to contrast with the cover plate. Eaton's range includes switches with broad and half-broad rockers, for ease of use by people with limited dexterity. Twin switched socket-outlets are available with outboard rockers for ease of use.



Memera Energy Monitored Consumer Units



New Technologies for a Greener Future



Left: 12 way SPN Type A Metered board (pre-installed meter included)
Right: The EBMPCT250-250A Multi-function Meter Pack (located below type 'B' distribution board)



Clip-on Plate Wiring Accessories to meet Part M of Building Regulations

Eaton Electric Limited
Grimshaw Lane
Middleton
Manchester
M24 1GQ

Customer Support Centre
Tel : 08700 545 333
Fax : 08700 540 333
Email : ukcommorders@eaton.com