

Technical overview

CARD METERS PREPAYMENT

Accuracy

Approved and certified by The Office of Gas & Electricity Markets [Ofgem] to meet the requirements of the EU Measuring Instruments Directive [MID]

Current Range

20 to 100 Amps, direct connected

Temperature Range

Operating range:
-10C to 45C

Limit range of operation:
-20C to 55C

Storage range:
-25C to 70C

Maximum period of 6 hours at the extremes of this temperature range.

Power Supply

Rated voltage: 230V single phase

Dimensions

Height: 172mm
Width: 128mm
Depth: 90mm

Quality

All meters are manufactured under a quality system approved to BS ISO 9001: 2000

For a detailed specification document on this product please contact Energy Controls.

Energy Controls reserve the right to change specification without notice.



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CARD OPERATED meters *Prepayment*

A simple and popular method of introducing accurate and reliable 'pay-as-you-go' metering using disposable card tokens



Suppliers of
WORLD CLASS
Meters & Metering
SYSTEMS

METERING
Measuring
& Managing **RESOURCES**

DOMESTIC & LEISURE

The CPM 5188A Card Meter incorporates the latest 'solid-state' technology and can be installed in place of conventional coin or credit meters thus providing an instant 'pay-as-you' routine.

Card Operated prepayment meters offer a simple and effective solution to secure revenue collection and help eliminate debts that may occur as a result of non-payment of bills.



STANDARD FEATURES

- Standing Charge & Debt Collection
- Push-button Emergency Credit facility
- Built-in Audit Record
- Reverse energy detection
- Low Credit Warning
- Rate switching [up to 4 rates]
- Disconnection Override Period



MAGNETICALLY ENCODED CARDS

The CPM uses disposable card tokens to transfer pre-paid credits to the meter. This simple solution provides a low cost cashless infrastructure from the supplier to the consumer's meter. Credits can be purchased in values ranging from £1, £5, £10, £20 and £50 denominations.

The cards are also security coded for revenue protection and unique site codes can be issued on request subject to a minimum order.

PROGRAMMING

The CPM 5188A Card Meter can be programmed to meet a customer's specific requirements. Each meter has an optical interface port incorporated in the front fascia. Using hand-held programmers supplied by Energy Controls the meter's parameters can be reconfigured for:- tariff updates as well as Emergency Credit & Fixed Charge, the remaining credit can also be reset to zero.

Push-button re-programming is also available for individual meters.

EMERGENCY CREDIT

In order to prevent supply disconnections out of office hours the CPM comes equipped with a push-button Emergency Credit facility.

The level of Emergency Credit can be preset by the operator using the programming methods described. If the remaining credit drops below £1 the meter will emit a high-pitched tone for 30 seconds followed by a short beep at 30 second intervals. If card tokens are not available to the consumer the Emergency Credit can be invoked by pressing the GREY button on the front of the meter.

The E.C. facility can only be used once and is automatically repaid and reset the next time card tokens are inserted.

DISCONNECTION OVERRIDE

For additional peace of mind the CPM can also be programmed with a 'disconnection override period'. During a specified time period ie: out of office hours, the meter will not disconnect power if the credit expires.

FIXED WEEKLY CHARGE

In addition to the normal pence per unit tariff it is possible to programme the CPM with a separate Fixed Weekly Charge. This facility is useful for applying a Service Charge in order to recover ongoing overheads for maintaining a consumer's electricity supply and meter etc.

Fixed Weekly Charges can be preset for each meter using the programming methods described.

DEBT COLLECTION

The CPM also has a Debt Collection feature which operates independently of the Fixed Charge facility.

The Debt Collection feature is particularly useful in situations where the landlord wants to recover a fixed amount of debt over a set period of time, such as electricity arrears. Once the debt has been recovered by the CPM it is automatically removed from the meter.

