

DS002



The DS002 is the Consumer Interface Unit for the meter. It consists of a LCD and LED's to indicate basic information to the user, processor and PLCC and RS485 communications capabilities.

- The DS002 displays the following on start-up: Software Version; Meter Number; Policy Group and Transaction Number
- The DS002 displays the following in a scrolling fashion
 - Meter Number
 - Credit in Monetary terms and kWhr
 - Meter Reading
 - Last Vending Date and Amount
 - Previous days consumption in Monetary terms, and kWhr
 - Tariff Rate
- The following is displayed via LED's:
 - Green - Credit Balance High
 - Orange - Credit Balance Low
 - Red - Credit Balance Very Low (Red)
 - Communications from associated IM001
 - Green - PLCC packet seen
 - Red - Processor Running
 - If all three LED's are on, the meter is configured as AMR
- The DS002 LCD display has backlighting, which is permanently on. There are no batteries in the DS002.
- Communication Interfaces: PLC at 9600 baud
- Mounting: Wall mounting on DIN rail, with protective cable cover or Distribution Board mounting
- The Display is programmed at manufacturing with the Meter Number, which is in non-volatile memory and can only be re-programmed via special equipment during manufacturing & repair. The display is the originator in the system of the meter number, and propagates this number to the associated meter during the commissioning and registration process.
- The display keeps the following information in close to real time (copied from the IM001 via PLCC)
 - Meter Reading Value
 - Credit Value
 - Last Vending Value and date
 - Tamper and Status information

