The Eis RDC1 single-phase remote disconnection and re-connection meter. It is remotely controlled using a handheld unit or PDA through a Bluetooth communication interface module. It can also send the energy usage information to a customer’s mobile phone. The Eis RDC1 features include tamper proof casing, impulse output, forward and reverse energy measurement, large LCD display, backlight and Bluetooth communication.

Designed in accordance with IEC 62053-21, IEC62052-11[2003], IEC62053-23[2003]

Technical:

Type: Single-phase two-wire, direct connection
Accuracy: Class 1 or 2 for kWh i.a.w IEC62053-21
Reference Voltage: 240V
Operation Voltage: 100V-500V
Frequency: 50Hz
Current Is (Imax): 10 (100A)
Meter Constant: 800 imp/kWh
Measured values: kWh energy of forward and reverse
Output: LED pulse output
Communication Interface: Bluetooth communication to a disconnect switch and data retrieval
Reading: Large Character legible LCD (8×5mm) with backlight
LCD Digit Number: 6+2
(Local reading can be done through either a HHU or PDA by using the Bluetooth communication interface.)
Optional Smart Meter Capabilities: Profile enabling customers to monitor energy use on their mobile phone

Environment:

Operating Temperature: 0°C to 55°C
Storage Temperature: 0°C to 70°C
Relative Humidity: up to 100%
Protection Class: IP54
Dimensions: 206×130×62.5mm (Subject to change.)