

# Single Phase Remote Disconnection and Re-Connection Meter Eis RDC1

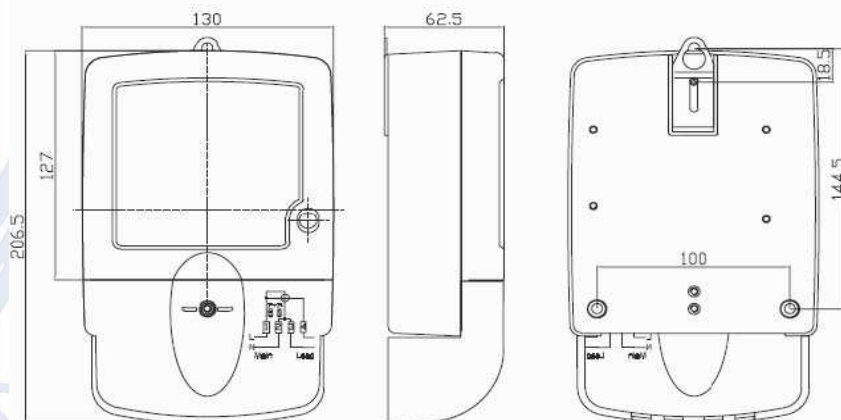


The Eis RDC1 single-phase remote disconnection and re-connection meter. It is remotely controlled using a handheld unit or PDA through a Bluetooth communication interface module. It can also send the energy usage information to a customer's mobile phone. The Eis RDC1 features include tamper proof casing, 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 I <sub>b</sub> (I <sub>max</sub> ):	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 (8x5mm) with backlight
LCD Digit Number:	6+2
	<i>(Local reading can be done through either a HHU or PDA by using the Bluetooth communication interface.)</i>
Optional Smart Meter Capabilities:	Profile enabling customers to monitor energy use on their mobile phone
<b>Environment:</b>	
Operating Temperature:	0°C to 55°C
Storage Temperature:	0°C to 70°C
Relative Humidity:	up to 100%
Protection Class:	IP54
Dimensions:	206x130x62.5mm (Subject to change.)



Version 1.1

Technical Specifications subject to change without prior notice