

# Three Phase Remote Disconnection and Re-Connection Meter Eis RDC3

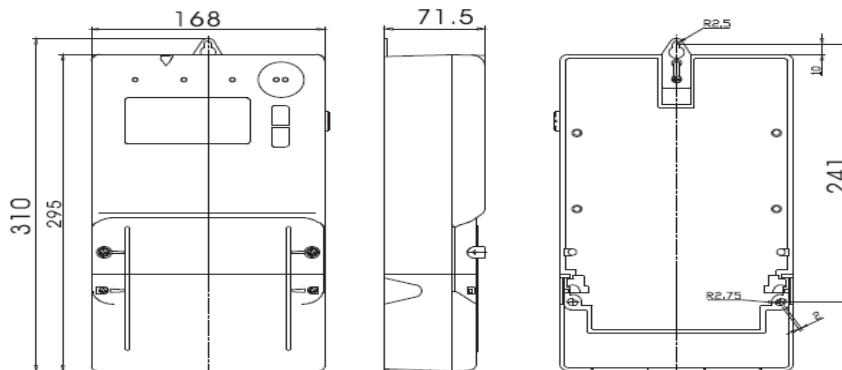


The Eis RDC3 is a three-phase remote disconnection and re-connection meter. It is remotely controlled using a handheld unit (HHU) or PDA through a Bluetooth communication interface module. It can also send the energy usage information to a customer's mobile phone. The Eis RDC3's features include tamper proof casing, impulse output, testing via LED pulse 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] & BS5685

## Technical:

Type:	Three-phase Four-wire, Direct connection
Accuracy:	Class 1 for active energy Class 2 for reactive energy
Reference Voltage:	3x240V/415V
Frequency:	50Hz
Current I <sub>b</sub> (I <sub>max</sub> ):	10 (100A)
Meter Constant:	1000 imp/kWh, 1000 imp/kvarh
Output:	LED pulse output (Also supports testing via LED pulse output)
Internal Tariff Source:	4 tariffs, 4seasons, weekend, 4 days type, 255 holidays
Communication Interface:	Bluetooth communication to a disconnect switch and data retrieval RS232 interface (In accordance with IEC 61107) Optical port interface
Reading:	Large Character legible LCD (8x5mm) with backlight <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>	
Internal Real Time Clock Accuracy:	Synchronized by the system every day. <i>(If the error is larger than 30s, it is synchronized automatically.)</i>
Battery Life Time:	>=10 years
Operating Temperature:	-10°C to 45°C
Storage Temperature:	-25°C to 70°C
Relative Humidity:	85% to 100%
Protection Class:	IP54
Weight:	Approx. 2.5KG
Dimensions:	310x168x71.5mm (Subject to change.)



Version 1.1

Technical Specifications subject to change without prior notice

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