

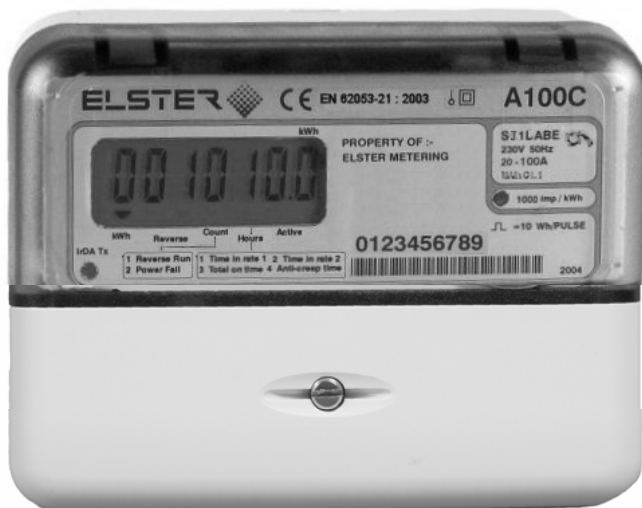


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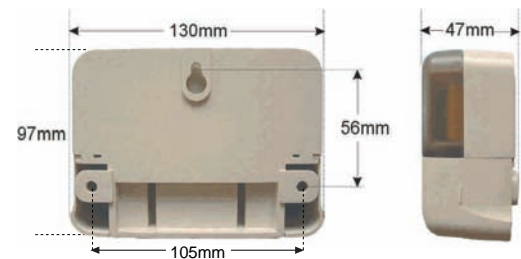
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Single Phase kWh Meter with LCD Digital Display OFGEM APPROVED

Stephen P. Wales stock No. CRN100p



Dimensions and Fixing Centres



Features

- Accuracy Class 2
- kWh import or kWh import/export
- 20 years certified life
- Large digit (9.8mm) multilingual display with chevron information indication
- Extensive security data
- Communications as standard
- 12kV impulse withstand
- High security, compact design (130mm Wide x 97mm High x 47mm Deep)
- BS double insulated, glass filled polycarbonate case
- Permanently fixed main cover
- IP53 in accordance with IEC 60529:1989

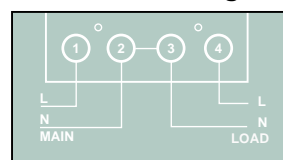
Options

- One or two rates controlled by external device
- IrDA communications or IEC 62056-21 (formerly IEC 61107) optical communications
- Auxiliary terminals configured for:
 - SO Pulse output (IEC 62053-31)
 - Serial data output (IrDA meter)
- A102C - kWh and kvarh energy measurement

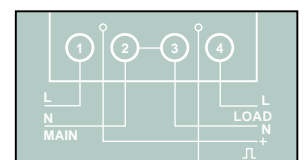
Technical Data

Current Range	20-100A
Voltage Range	210-250V, 105-127V
Frequency	50Hz
System Connection	1 phase, 2 wire
Burden (230V)	0.66W, 8.5VA (Capacitive burden)
Insulation	4kV RMS 50Hz
Impulse Withstand	12kV 1.2/50µs 40ohm source
Display	9.8mm x 3.5mm characters, High contrast, wide angle
IrDA Baud Rates	2400, 4800 or 9600 (Without serial port)
IEC 62056-21 Rate	9600
Serial Baud Rates	2400 or 4800
Certified Product Life	20 years (OFGEM model)
Temperature	-20° to +55°C (Operational range) -25° to +85°C (Storage)
Humidity	Annual mean 75% (For 30 days spread over one year, 95%)
Pulse Output	100ms pulse 100p/kWh (=10Wh/pulse) (Other pulse rates, durations available)
Weight	345 grams
Specifications	kWh Class 2 EN 62053-21:2003 kvarh Class 2 or Class 3 En 62053-23
Case	IP53 to IEC 60529:1989

Terminal Arrangements



Single Rate



Pulsed Output