



# Stephen P. Wales Ltd

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Landis  
Gyr+  
manage energy better



## CRN100\_5235b

OFGEM & MID Approved  
100amp Single Phase kWh Meter  
With Optional Pulse output

### 5235 Technical Specifications

#### Voltage

Nominal Voltage $U_n$	220-240V, 120V
Voltage Range	80-115% $U_n$
Voltage Withstand	415V Continuous

#### Frequency

Nominal Frequency	50/60Hz
Frequency Variation	+/- 2%

#### Current

Base Current	
Direct Connection $I_b$	10A
Current Max	
$I_{max}$	100A
Starting Current	
IEC	0.004 $I_b$

#### Pulse (optional)

Volt free 1000pulse per kWh

#### Measurement Accuracy

Max Measuring Range	20mA up to 100A
Measuring Accuracy	IEC 62053-21 Class 1 or 2 IEC 62053-23 Class 2 or 3

#### Measurement Behaviour

Starting Current	
IEC	0.4% of $I_b$
Max Measuring Range	20mA up to 100A

### Weight and Dimensions

Weight	
Standard	304g
With extended terminal cover	338g

#### Dimensions

Width	125mm
Height	80mm
Depth	36mm

#### Dimensions (with Extended Terminal Cover)

Width	125mm
Height	113mm
Depth	41mm

#### Terminal Details

Arrangement	BS5685
Size	8.3mm diameter

### Connections

#### Standard Layout and Dimensions

### Approvals

Quality	Manufactured to ISO 9001:1994
OFGEM Approval Number	986
Certified Life	20 years
Reference Standards	IEC 62052-11, IEC 62053-21, IEC 62053-23

### Terminal Connection Diagrams

