

Please Note

The meter is intended to be installed in a Mechanical Environment 'M1', with Shock and Vibrations of low significance, as per 2004/22/EC Directive. The meter is intended to be installed in Electromagnetic Environment 'E2', as per 2004/22/EC Directive.

Installation of this device may only be performed by qualified personnel.

Technical support

In case you have any questions about our product, please contact Rayleigh Instruments on 01245 428500.

Attention

The Meter housing is sealed. Warranty is void if the seal is broken or removed





**Rayleigh
Instruments
Limited**

DECLARATION OF CONFORMITY

According to Directive 2006/95/EC

Product : Single Phase Energy Meter
 Model No. : RI-D36-80-C
 Rating : 80A
 Output : SO. Pulse / RS485 Modbus

The test sample has been tested in accordance with the requirements of
 Standards EN 62052-11, EN62053-21

The technical documentation required to demonstrate that the products meet the requirements of the above EU directives has been compiled and is available for inspection by relevant enforcement authorities.

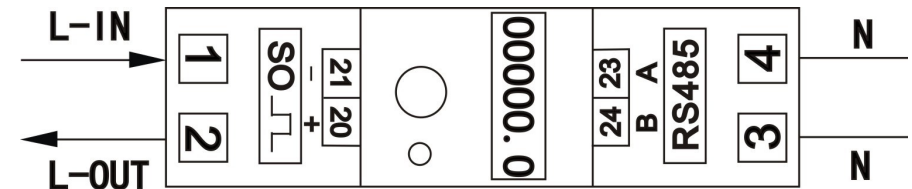


Approved by/Date *[Signature]* 1/1/15

RI-D36-80-C 230V 5/80A LCD

Single Phase Energy Meter – 80A Direct

Current Range	5/80A
Voltage Range	230V
Impulse Constant (Red LED)	1000 Imp/kWh
Accuracy Class	1
Frequency	50/60 Hz
Display	LCD 5+1=99999.9kWh
Temperature Range	-20°C to 55°C
Max. Relative Humidity	75% Average / Short time value 95%
Standards	EN62052-11 / EN62053-21
Power Of Consumption	≤1.0W, 7VA
Communication	RS485 - Modbus
Baudrate	9600 bps
Pulse Output	1000 Imp/kWh RL =1 Wh/Imp RA= 1 Wh/Imp
Max. Terminal Wire mm ²	35mm ²



Rayleigh Instruments Limited
 Raytel House, Cutlers Road, South Woodham Ferrers,
 Essex, CM3 5WA
 Tel. 01245428500 Fax 01245428559
 Web. www.rayleigh.co.uk

1 Live In	20 Pulse +
2 Live Out	21 Pulse -
3 Neutral	23 RS485 A
4 Neutral	24 RS485 B