RI-D19-80-C 230V 5/80A LCD

Single Phase Energy Meter – 80A Direct With RS485 Output

Current Range	5/80A
Voltage Range	230V ±20%
Impulse Constant (Red LED)	1000 Imp/kWh
Accuracy Class	1
Frequency	50/60 Hz
Display	5+1=99999.**9**kWh Backlit LCD
Temperature Range	-20°C to 55°C
Max Relative Humidity	75% Average / Short time value 95%
Standards	EN62052-11 / EN62053-21
Power Of Consumption	≤0.4W, 8VA
Communication	RS485 - Modbus
Baudrate	1200, 2400, 4800, 9600 bps
Max Terminal Wire mm^2	10mm^2
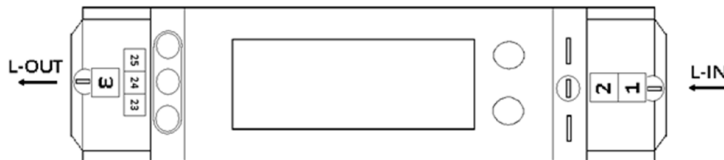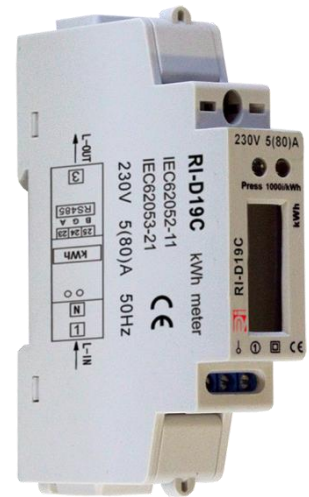
Connection Diagram

1 Live In	23 RS485 A
2 Neutral	25 RS485 B
3 Live Out	

Display	Description
1 2 3 4 5 . 0 kwh	Active Energy (KWh)
2 3 0 . 0 V	Voltage (V)
0 0 5 . 0 A	Current (A)
1 1 . 5 0 KW	Active Power (KW)
0 0 . 0 0 KVAr	Reactive Power (KVAr)
1 1 . 5 0 KVA	Apparent Power (KVA)
P 0 . 0 0 0	Power Factor (cos φ)

Meter Display Pages

Page will auto scroll every 5 seconds or can be manually accessed using front mounted button. Meter has a built in battery allowing display to be read with power off.
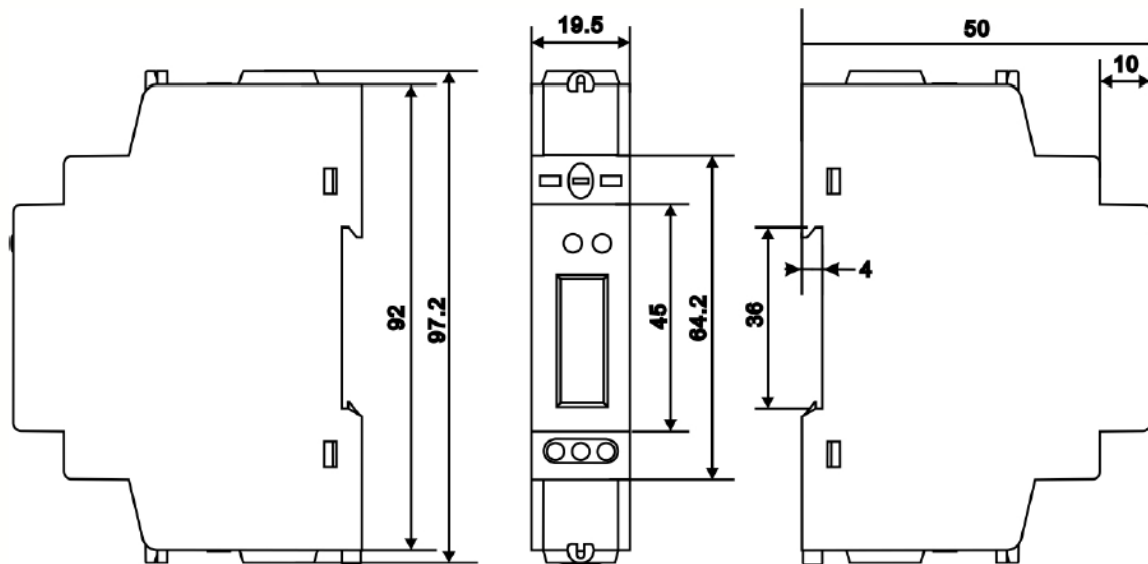
Please Note

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 01268749300.

Attention

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