

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



RI-18-45-P 230V 5(45)A LCD

Single Phase Energy Meter – 45A Direct MID With Pulsed Output



**Rayleigh
Instruments
Limited**

DECLARATION OF CONFORMITY

According to Directive 2004/22/EC

Report Ref: 6011-PT-TS029-13

Issued 16th October 2013

Compiled by: Cesky Metrologicky Institute

Product : Single Phase Energy Meter


Model No. : RI-18-45-P


Rating : 45A

Output : SO. Pulse

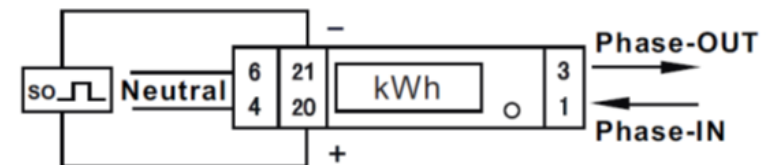
The test sample has been tested in accordance with the requirements of Directive 2004/22/EC as stated on Certificate TCM 221/13-5099

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  1/10/14

Current Range	5 (45)A
Voltage Range	230V ± 20%
Impulse Constant (Red LED)	1000 Impulse / KWh
Accuracy Class	B
Declaration Of Conformity	D
Frequency	50Hz ± 10%
Display	5+2 = 99999.99 KWh LCD
Temperature Range	-25°C to 55°C
Max Relative Humidity	75% Average / Short time value 95%
Standards	EN50470-1 / EN50470-3
Power Consumption	≤8VA ≤0.4W
Pulse Output	1000 Imp/kWh RL = 1 Wh/Imp RA= 1Wh/Imp S0-Standard DIN 43864
Pulse Width	80mS
Registered Harmonics Range	0.05-0.25KHz
Maximum Terminal Wire mm²	12mm ²



1 Live In	3 Live Out
4 Neutral	6 Neutral
21 Pulse -	20 Pulse +