

RI-D65-CT-P 230/400V 1.5/6A LCD

Three Phase Energy Meter -/5A CT Driven With Pulse Output

Current Range	1.5/6A
Voltage Range	3x230/400V
Impulse Constant (Red LED)	12000
Accuracy class	1
Frequency	50/60 Hz
Display	6+2=999999.99kWh 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	≤2W, 10VA
Pulse Output	12000 Imp/kWh RL = depending on the ct ratio RA = depending on the ct ratio S0-Standard DIN 43864
Pulse width	35mS
Registered harmonics range	0.05-025KHz
Max. terminal wire (mm²)	18mm ²



CT ratio setting:

CT ratio	Display digits	CT ratio	Display digits	CT ratio	Display digits
5/5	6+2	75/5	7+1	800/5	8+0
25/5	6+2	80/5	7+1	1000/5	8+0
40/5	6+2	100/5	7+1	1200/5	8+0
50/5	6+2	120/5	7+1	1500/5	8+0
60/5	6+2	150/5	7+1	1600/5	8+0
		200/5	7+1	2000/5	8+0
		250/5	7+1	2500/5	8+0
		300/5	7+1	3000/5	8+0
		400/5	7+1	4000/5	8+0
		500/5	7+1	5000/5	8+0
		600/5	7+1	6000/5	8+0

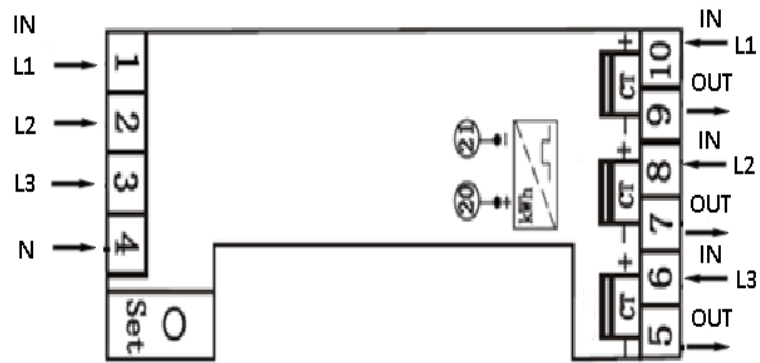
The current ratio is settable 2 seconds after the meter is connected to the power supply. Without setting, the default CT ratio is 5/5. If CT ratio is needed to be setup, press the button SET.

The CT ratio are

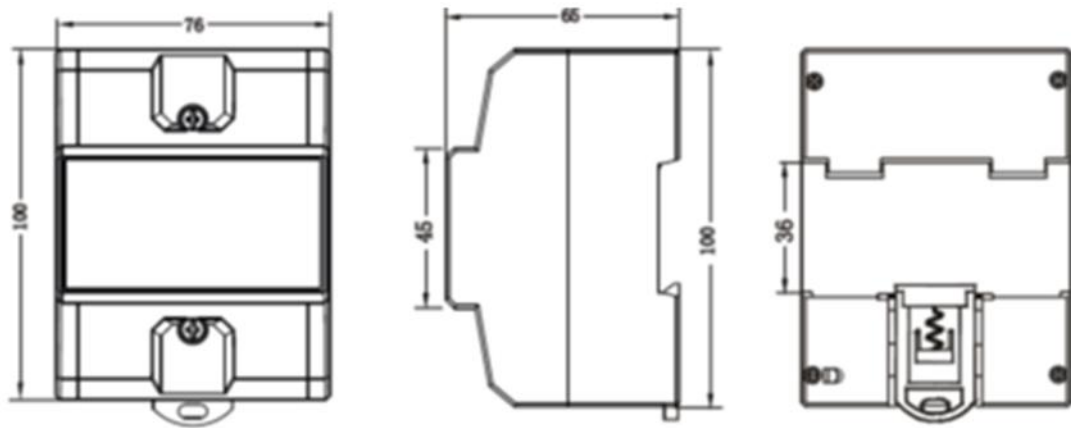
5/5, 25/5, 40/5, 50/5, 60/5, 75/5, 80/5, 100/5, 120/5, 150/5, 200/5, 250/5, 300/5, 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5, 1500/5, 1600/5, 2000/5, 2500/5, 3000/5, 4000/5, 5000/5, 6000/5

When a CT ratio needs to be changed, press the button for 30 seconds until the LCD display show the primary value. When you release your hand, the CT ratio is locked and cannot be changed.

Notice: The set button is inside the bottom terminal cover on the right hand side, so the use of a tool may be needed when setting the CT ratio.



Connection Diagram



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