

QMS-CT3 Three Phase GPRS Smart CT Electricity Meter

IP54	Ingress protection IP54 waterproof
	Up to 8 years battery life
	Remote connection/disconnection
STS	STS Standard
	Real-time clock
TOU	Utilities can set TOU price into meter on request
	Anti-Tamper Magnetic field protection



QMS-CT3 used for a wide range of smart metering applications. It works with a plug-in module for STS compliant data collection and network communications. This modular design enables utility to select from 4G LTE cellular data networks.

Application:

Counting the electricity consumption of users over a period of time.

Compliance with Standard

- * ISO 9001; ISO 14001
- * STS Certificated

Payment Method Supported

- * Mpesa
- * Airtel Money
- * Mtn Momo
- * Mixx (Tigo Pesa)
- * Waafi (Evc Plus, Sahal, Zaad, Jeeb)
- * E-Dahab
- * Telebirr
- * Premier wallet, Tplus, E-Besa and more

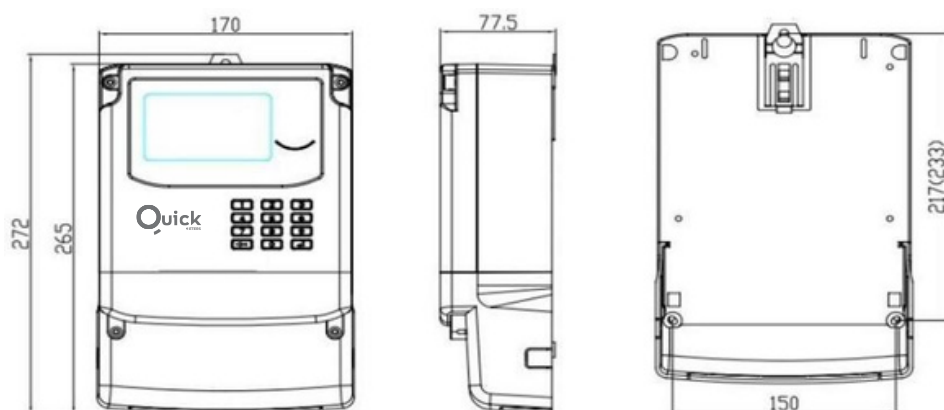
Electrical Parameters

Nominal Voltage	3×230V /40 0V
Working Voltage Range	70%~120%Un
Nominal Frequency	50-60Hz
Basic Current (Ib)	10A
Maximum Current (Imax)	6A
Starting Current (Ist)	30mA
Active Energy Constant	6400imp/kWh
Measurement Accuracy	Class 0.5
Power Consumption in Voltage Circuit	<2W <8VA
Power Consumption in Current Circuit	<1VA
OperationTemperatureRange	-25°C-70°C
Storage Temperature Range	-40°C-85°C

Electric Magnetic Compatibility

AC Insulation Strength		4kV at 50Hz during 1min
Impulse voltage 1.2/50 us mains connections		8kV
ElectrostaticDischarges	Contactdischarge	8kV
	Air discharge	16kV
ElectromagneticRFField	27MHz-500MHz	10V/m
	100KHz-1GHz	30V/m
Fast transient burst test		4kV
Protection		Class II

Meter Dimension



Factory Price

- CT Meter Three Phase = \$56
- 400A Full Setup = \$500
- 200A Full Setup = \$500

400A Full Setup is included 2 Breakers and CT meter and meter box

200A Full Setup is included 2 Breakers and CT meter and meter box

Meter Weight

- CT Meter Three Phase - 2.5KG
- 400A Full Setup - 13KG
- 200A Full Setup - 13KG

Debt Collection

If you owe customers money from before the smart meter was installed, you can recover it by deducting a small percentage from each transaction. The system allows you to set the percentage and track the debt until it is fully collected.

Liquid Display



Data Storage

- * Cloud Storage
- * Local Server Storage (Per Client Request)

We Provide

- * Mobile Payment
- * USSD Service
- * Sms Service and Software

Anti-Tamper Fuctions

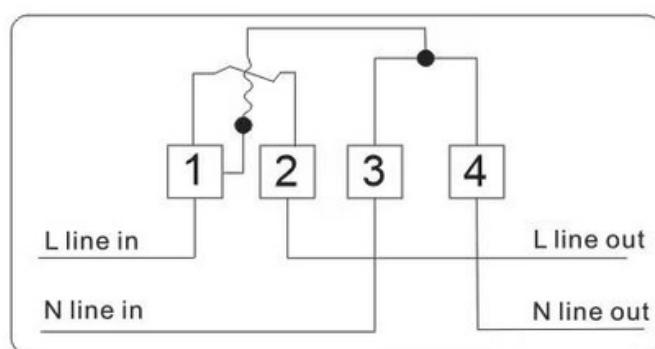
Meter relay will be cut off automatically after detection of magnetic field and open cover event.

Information Inquiry

Consumer could check the data like Credit Remain, Total Purchased and Total Credit by inputting the short code.

Wiring Diagrams:

1.Sequential Wiring



2. Sequential Wiring

