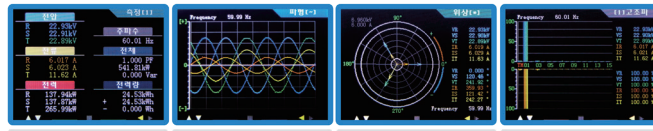




KDQ-100 Series

Power Quality Meter

- Color LCD Display
- Waveform, Vector Diagram
- 15th Harmonic



Specifications

Display	Type	TFT Color LCD 3.2inch
	Resolution	320X240
Communication	RS-485 Modbus RTU	2-wire, 0~255 Address, 4800~19200bps
	Power Quality Measurement	Waveform
Environmental Condition	Phase Angle	Vector Diagram
	Harmonic	1st~15th
	Operation Temperature	0~55°C
Connections	Storage Temperature	-20~85°C
	Relative Humidity	≤80%
	Ingress Protection Ration	IP54(Front), IP20(case)
Weight	Circuit	Three Phase 3wire, Three phase 4wire,
	CT,PT,Aux Terminal	M4 Bolt
	RS-485 Terminal	M4 Bolt

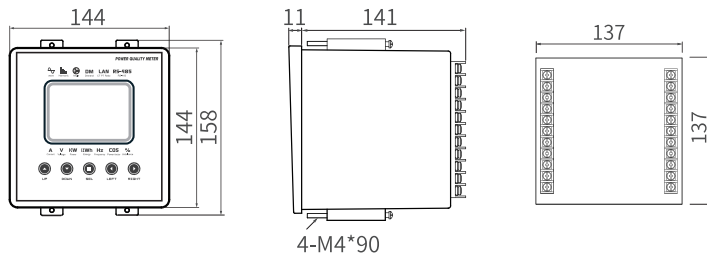
Measurement & Accuracy

Current	≤0.2% of reading + 1 digit
Voltage	≤0.2% of reading + 1 digit
Frequency	≤0.1% of reading + 1 digit
Active Power	≤0.5% of reading + 1 digit
Reactive Power	≤1.0% of reading + 1 digit
Power Factor	≤1.0% of reading + 1 digit
Active Energy	≤1.0% of reading + 1 digit
Reactive Energy	≤1.0% of reading + 1 digit
Phase Angle	≤0.5°

Inputs

Auxiliary Supply	AC 90~260V(50 or 60Hz), DC110V
Voltage(Direct or Secondary)	AC 40~500V
Current (Direct or Secondary)	AC 0.05~5.5A
Voltage Ratio	2000:1
Current Ratio	2000:1

Dimension



Connection Diagram

