

PD194Z-E14



Multi-circuit
Harmonics
Modbus Interface
Energy Accuracy 0.5S
Pulse Output



TECHNICAL SPECIFICATION

Display mode		LCD
Accuracy	V/A	0.2%
	P/Q/S/PF	0.5%
	F	±0.01Hz
	±kWh	Class 0.5S (Closed Type CT)
	±kvarh	Class 2
Voltage input	Rated value	3*230V/400V
	Overload	Continuous: 1.2Vn Instantaneous: 2Vn/10s
	Burden	≤0.1VA (per phase)
	Impedance	≥1.7MΩ
	Frequency	45Hz~65Hz
Current input	Rated value	External CT
	Overload	Continuous: 1.2In Instantaneous: 2In/5s
	Burden	≤0.2VA (per phase)
	Impedance	≤20mΩ
Auxiliary power supply	Working range	AC/DC 80~270V 50/60Hz
	Consumption	≤5VA
Communication port	RS485	Modbus-RTU, 2-wire, up to 9600bps
Energy pulse output		1 photocoupler output, pulse width (80±20%) ms
Optional module(EK1)	Digital inputs	Dry digital inputs, Isolation: ≥2kV AC
	Relay outputs	Contact rated at AC 250V/5A or DC 30V/5A (AC 1)
Ambient condition	Operating temperature	-20°C~70°C
	Relative humidity	≤95%RH, no condensation
	Altitude	≤2500m
Insulation		≥2kV AC