

Electrical Characteristics		
Type of Measurement		RMS on single phase AC system (1P+N)
Measurement Accuracy	Power	0.5% of range maximum
	Active Energy	IEC 62053-21 Class 1.0
	Reactive Energy	IEC62053-23 Class 2, IEC 61557-12 Class 2
	Frequency	0.1% of mid-frequency
	Current	0.2% of range maximum
	Voltage	0.2% of range maximum
	Power Factor	1% of unity (0.01)

Input & Output		
Input-Current	Rated Current	10A
	Max Current	100A
	Min Current	0.5A
	Starting Current	20mA
Output	SDM230A/D/DR/BI	Pulse Output for active energy
	SDM230-Std/ Modbus/2T	2 Pulse Output + RS485 Modbus
	SDM230-Mbus	2 Pulse Output + Mbus
	SDM230-LoRa	2 Pulse Output + LoRaMESH/LoRaWAN

Modbus Communications	
Interface Standard and Protocol	RS485 and MODBUS RTU
Communication Address	1~247
Transmission Mode	Half Duplex
Data Type	Floating Point
Transmission Distance	1000m Maximum
Transmission Speed	1200bps~19200bps
Parity	None (default), Odd, Even
Stop Bits	1 or 2
Response Time	<100 mS