科林电气
KE ELECTRIC

Shanghai Stock Exchange
(SSE) I.D.: 603050

DDS1277

Single Phase Two Wire Electronic Energy Meter

- ***Neutral missing measurement***
- ***Ultrasonic welding (Optional); Battery replaceable***
- ***Bluetooth communication option available***
- ***Compliant with DLMS/COSEM protocol***
- ***Time synchronization through optical port or Bluetooth***

BS

Multiple Connection Types

Ingress Protection

RS485 Interface

Bluetooth

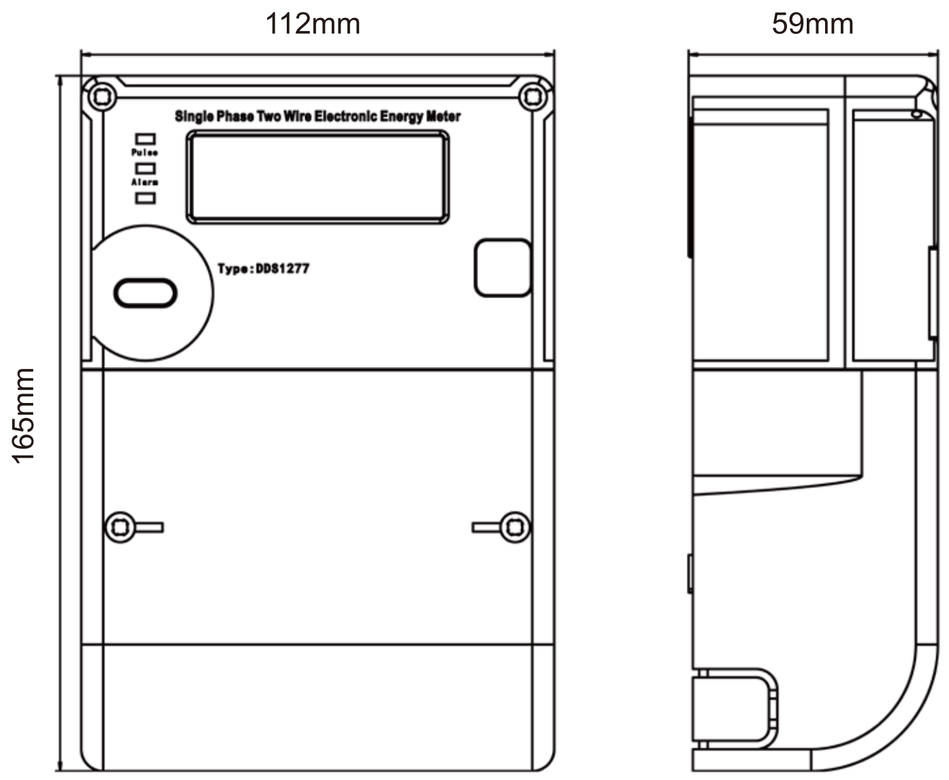
DLMS-COSEM Compliance



Product Model: DDS1277



Dimensions(mm)



Product Model:	DDS1277
Basic Features:	
Meter Type:	Single Phase, Active
Material/Housing Standard:	Polycarbonate Glass Fiber Reinforces/BS
Connection Type:	Single Phase Two Wire
Nominal Voltage (Extended Operating range):	220V, 230V, 240V (80%~120%) (Optional)
Nominal Current (Max):	5(60)A 5(80)A 5A (100A) (Optional)
Frequency	50/60Hz
Power Consumption	<2W/10VA
Accuracy:	Active: Class1
Meter Constant:	1000imp/kWh (Adjustable according to customized requirements)
Environmental Features:	
Operating Temperature (Coefficient):	–25℃ to + 70 ℃
Limit Temperature (Coefficient):	–40℃ to + 70 ℃
Storage Temperature (Coefficient):	–40℃ to + 85 ℃
Relative Humidity:	Up to 95% non–condensing
Dust and Water Protection Class:	IP54
Communication Interface:	
Local Communication:	RS485/Optical/Bluetooth
Communication Protocol:	DLMS/COSEM
Other Features:	
LCD:	Auto display function,support button display LED alarm function
Instant Measurement:	Measuring instant current, voltage and power factor
Load Profiles:	8 channels for registering the load profile with programmable sampling time.
Logging:	Each individual event can be recorded at least 20 times (Optional)
Anti-Tampering:	Fraud/Tampering detection and logging (Optional)
Security:	Message/Access authentication & encryption
Power/Alarm Management:	Power quality /Load process and alarms/Events management
Battery Capacity	⩾1200mAh
Dimension	165mm(L)*112mm(W)*59mm(H)

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