科林电气
KE ELECTRIC

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

DTS1277

Three Phase Four Wire Electronic Energy Meter

- ***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

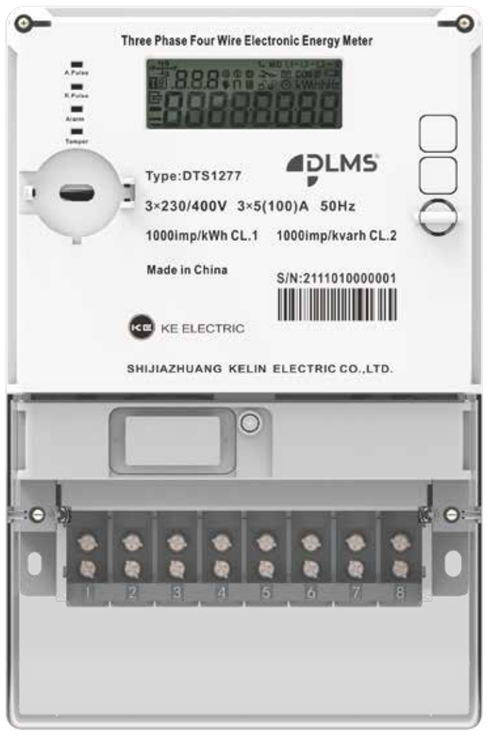
RS485 Interface

Bluetooth

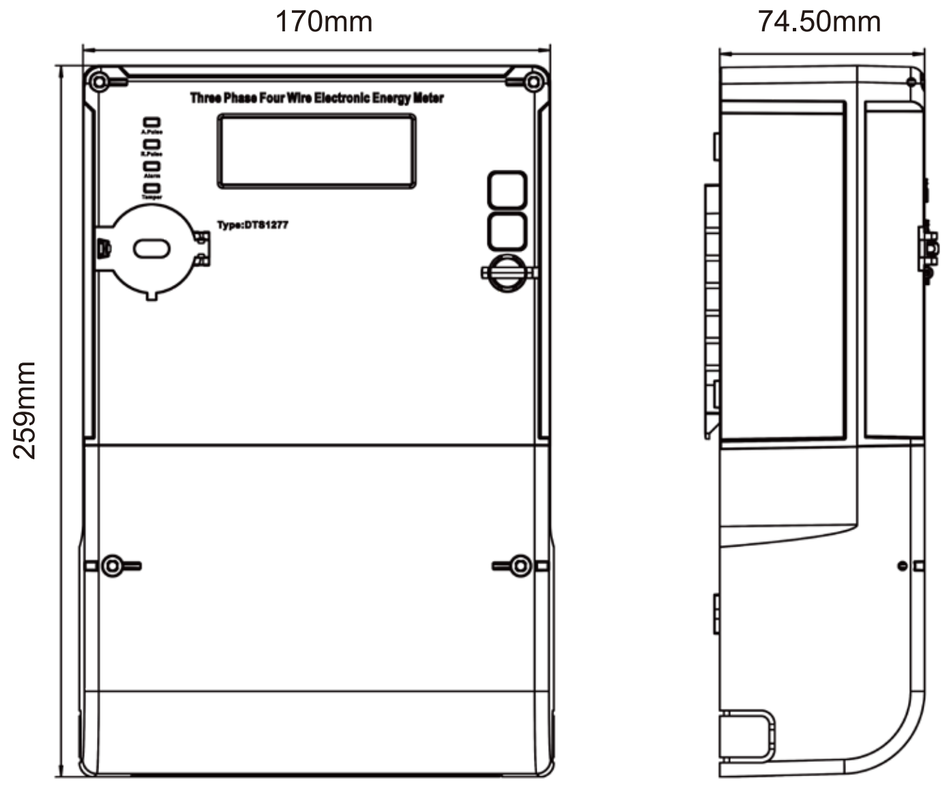
DLMS-COSEM Compliance



Product Model: DTS1277



Dimensions(mm)



Product Model:	DTS1277
Basic Features:	
Meter Type:	Three Phase, Active/Reactive (4 Quadrant)
Material/Housing Standard:	Polycarbonate Glass Fiber Reinforces/BS
Connection Type:	Three Phase Four Wire
Nominal Voltage (Extended Operating range):	3X57.7V, 220V, 230V(80%~120%) (Optional)
Nominal Current (Max):	Direct Connection: 3X5(100)A (Optional) Via Current Transformers: 3X1(5)A, 1(10)A 5(10)A (Optional)
Frequency	50/60Hz
Power Consumption (Each phase)	<2W/10VA
Accuracy:	Direct Connection: Active: Class1 Reactive: Class2 Via Current Transformers: Active: Class0.5S Reactive: Class2
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	259mm(L)*170mm(W)*74.5mm(H)

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