科林电气
KE ELECTRIC

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

DDSY1277-STS

Single Phase DIN Rail Prepayment Energy Meter

- *Easy to install*
- *Support uplink communication*
- *Support event record with time stamp*
- *Various connection method with CIU*



DIN



Multiple Connection Types



Ingress Protection



Remote Connection
Remote Disconnection



RS485 Interface



PLC



RF



DLMS-COSEM
Compliance



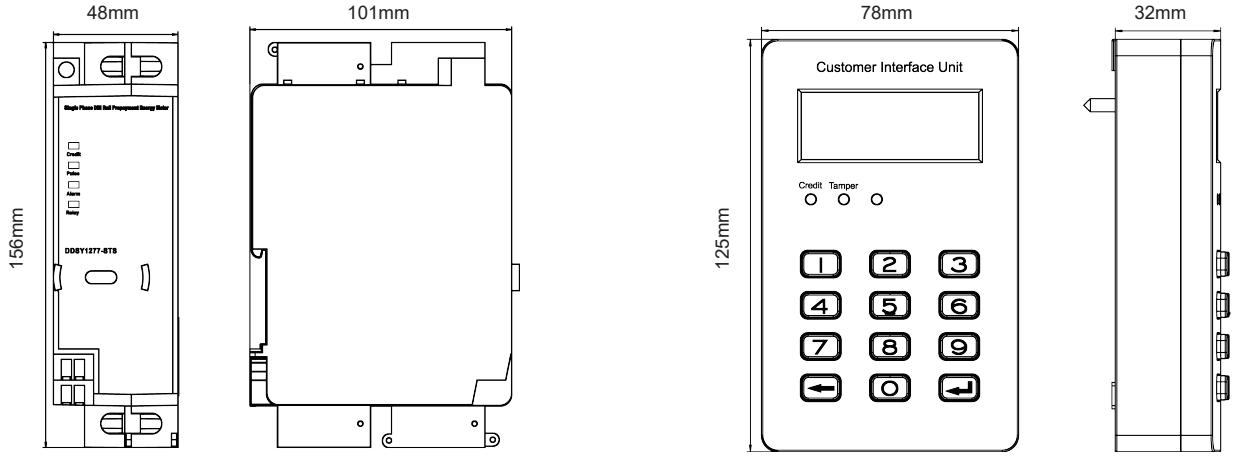
STS Compliance



Event Logs

Product Model: DDSY1277-STS

Dimensions(mm)



Product Model:	DDSY1277-STS
Basic Features:	
Meter Type:	Single Phase, Active
Material/Housing Standard:	Polycarbonate Glass Fiber Reinforces/DIN
Connection Type:	Single Phase Two Wire
Nominal Voltage:	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: Class 1
Meter Constant:	1000imp/kWh (Adjustable according to customized requirements)
Environmental Features:	
Operating Temperature:	-25℃ to + 70 ℃
Limit Temperature:	-40℃ to + 70 ℃
Storage Temperature:	-40℃ to + 85 ℃
Relative Humidity:	Up to 95% non - condensing
IP Grade:	IP54
Communication Interface:	
Local Communication:	RS485/Optical
Communication Module:	PLC/RF
Keypad:	Split type with CIU
Communication Protocol:	DLMS/COSEM
Other Features:	
Instant Measurement:	Measuring instant current, voltage and power factor
Tariffs:	4 tariffs, 8 daily tariffs, 8 weekly tariffs, 6 seasonal tariffs (Optional)
Load Profiles:	8 channels for registering the load profile with programmable sampling time
Logging:	Each event can be record at least 20 times (Optional)
Anti-Tampering:	Fraud/Tampering detection and logging (Optional)
Remote Control:	Remote disconnect/Reconnect using relay
Remote Metering:	Remote on demand/Scheduled meter reading
Security:	Message/Access authentication & encryption
Power/Alarm Management:	Power quality/Alarms/events management
Battery Capacity	≥1200mAh
Dimension	Meter:156mm(L)*101mm(W)*48mm(H) CIU:125mm(L)*78mm(W)*32mm(H)

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