

DTSU71C DIN Rail Three-phase Smart Energy Meter



Brief Introduction

DTSU71C Three-phase DIN Rail Meter is a highly advanced Meter for measurement of active, reactive and apparent electrical energy in 3-phase 4-wire(or3P3W) networks with frequency of 50/60Hz.It has a variety of sophisticated functions to realize Smart Measurement&Management of energy, with features of high accuracy, excellent sensitivity, good reliability, wide measurement range, and low consumption, solid structure and nice appearance etc. Equipped with RS485 communication interface based on RTU protocol makes it flexible to communicate with other devices.The meter is certificated by CE, RCM, UKCA.

Technical Specification

DTSU71C		
Electrical	Rated Voltage (V)	3*230/400
	Operating Range	90V~1000V(Line voltage,with external VT when larger than 500V)
	Current Range (A)	Direct Connect:0~80
	Current Range (A)	Connected by external CT:>80A
	Frequency (Hz)	50/60
Accuracy	Active	Cl. 1,Cl. 0.5S
	Reactive	Cl. 2
Constant	Active (imp/kWh)	1000,10000
	Reactive(imp/kVarh)	1000
Material	Meter case	PC
	Terminals	Steel,zinc-nickel alloy plated
Environment	Operation Temperature	- 25 ~ + 60 °C
	Relative Humidity	≤95%
Housing	Protection class	IP2X
	Cable diameter (mm)	Channel1: 10,Channel2: 5-10
	LWH (mm)	100*72*80
Connection type		3P4W(3P3W)
Weight		250g(without CT)
Remote Communication		RS485

Main Features

Measurement

- Bidirectional measurement of import and export active energy and reactive energy
- Instantaneous parameters of voltage, current, active power,reactive power,apparent power,frequency,power factor of each phase,etc.

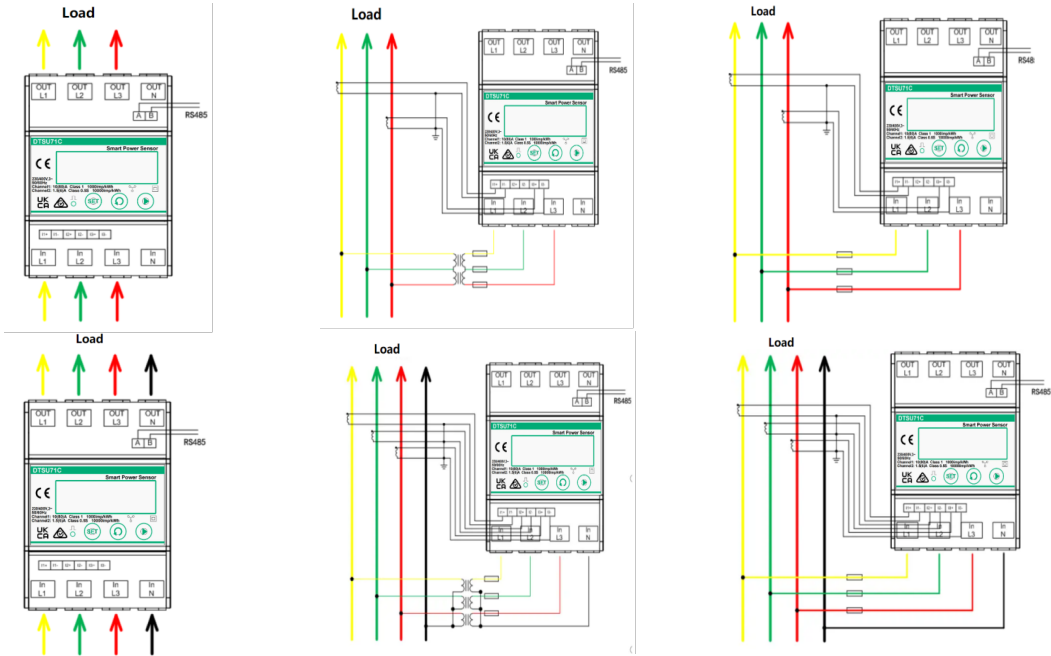
Communication

- Support RS485 wired communication based on ModBus RTU protocol

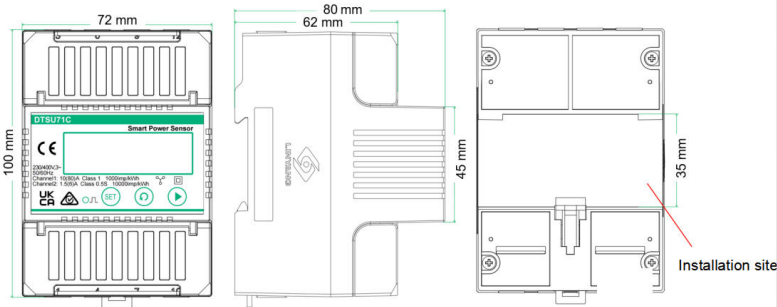
Display

- Auto scroll display with the period of 5 seconds
- Push button manual display with backlight

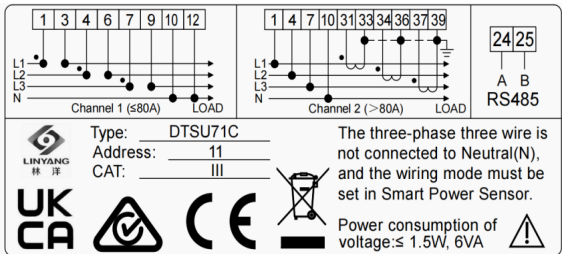
Installation Diagram



Dimensions



Wiring Connections



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Jiangsu Linyang Energy Co., Ltd.



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