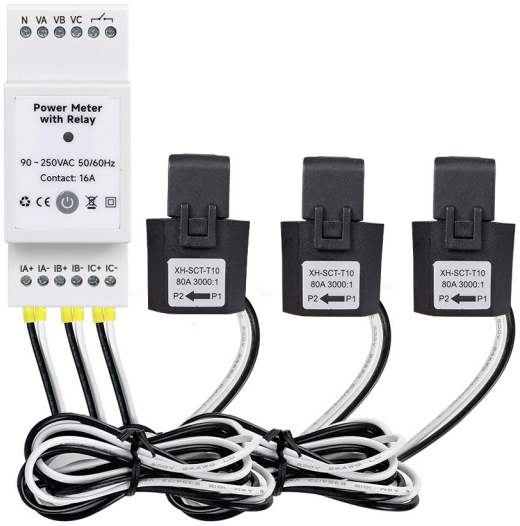
Products
– Energy Control & Management

PC473-R-W-TY Power Meter with Relay



Description

PC473-R-W-TY helps you monitor the power consumption in your facility by connecting the clamp to the power cable. It can also measure Voltage, Current, PowerFactor, ActivePower. It allows you to control On/Off status and check real-time energy data and historical usage via mobile App.

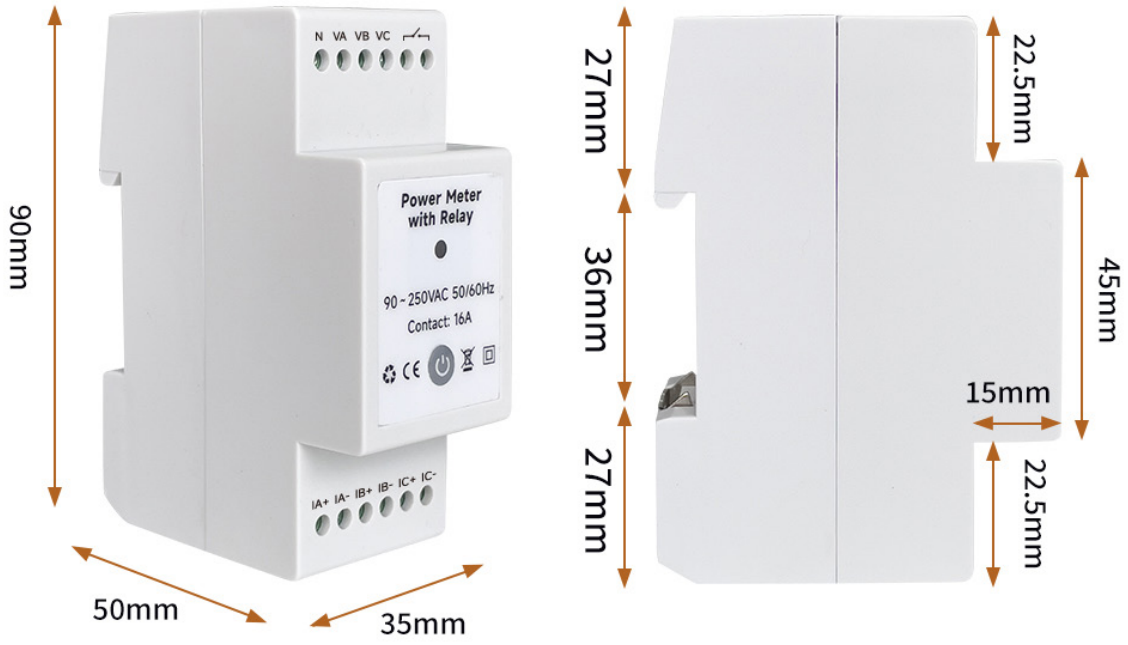
Main Features

- Tuya compliant
- Support linkage with other Tuya devices
- Single/3 - phase system compatible
- Measures real-time Voltage, Current, PowerFactor, Active Power and frequency
- Support Energy Usage/Production measurement
- Usage/Production trends by hour, day, month
- Lightweight and easy to install
- Support Alexa, Google voice control
- 16A Dry contact output
- Configurable on/off schedule
- Overload protection
- Power-on status setting

Main Specifications

Wireless Connectivity	
Wi-Fi	• 802.11b/g/n @2.4GHz
BLE	• Bluetooth 5.2 Low Energy
RF Characteristics	• Operating frequency: 2.4GHz • Internal antenna
Physical Specifications	
Operating Voltage	• 90~250 Vac 50/60 Hz
Max. Load Current	• 16A Dry contact
Calibrated Metering Accuracy	• ≤ 100W Within ±2W • >100W Within ±2%
Reporting Cycle	• Energy data: Every 15 seconds • On/Off: Report when status changes immediately
Din Rail Height	• 35mm
Clamp diameter	• 80A: 10mm • 120A: 16mm • 200A: 20mm • 300A: 24mm • 500A: 37mm • 750A: 51mm
Clamp cable length	• 1m
Operating environment	• Temperature:-20 ℃~+55 ℃ • Humidity: ≤ 90% non-condensing
Weight	Clamp weight: • 80A: 60g • 120A: 90g • 200A: 110g • 300A: 215g • 500A: 380g • 750A: 830g Without clamp: 89.5g

Dimension


N VA VB VC
Power Meter
with Relay
90~250VAC 50/60Hz
Contact: 16A
IA+ IA- IB+ IB- IC+ IC-
90mm
50mm
35mm
27mm
36mm
27mm
22.5mm
45mm
15mm
22.5mm