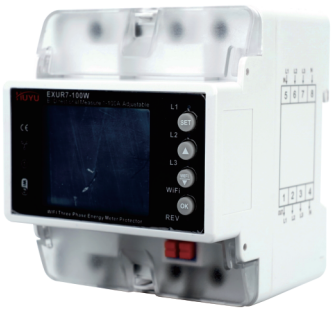
EXUR7-100W Smart Three Phase Energy Meter & Protector CE

huyuglobal.com



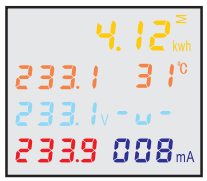
Main Functions

1.Over Voltage Protection
2. Under Voltage Protection
3.Over Current Protection
4.Under Current Protection
5.Delay Protection
6.Timer Switch
7. Bidirectional Energy Monitor
8. Voltage Imbalance Protection(Can only be set on App)
9. Current Imbalance Protection(Can only be set on App)
10. Shortage Phase Protection(Can only be set on App)
11. Phase Sequence Protection(Can only be set on App)
12. High Temperature Protection(Can only be set on App)
13. Current Leakage Protection(This function must be used with out or built-in current transformer)

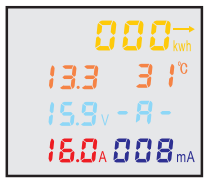
Each parameter can be set with action threshold and On/Off.

Display Mode

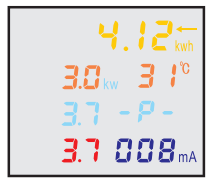
Mode 1



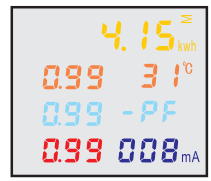
-U- Voltage, Total Electricity Consumption



-A- Current, Forward Electricity Consumption



-P- Power, Reverse Electricity Consumption

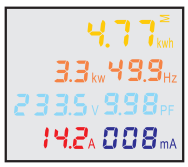


Power, Factor Total Electricity Consumption

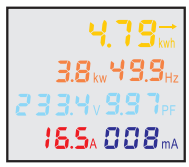


Frequency, Total Electricity Consumption

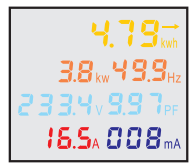
Mode 2



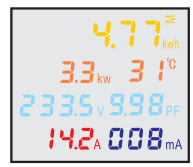
A-Phase Power Parameters



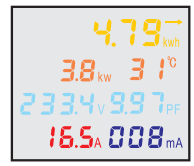
B-Phase Power Parameters



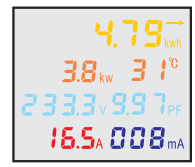
C-Phase Power Parameters



A-Phase Parameters & Temperature



B-Phase Parameters & Temperature



C-Phase Parameters & Temperature

Fault Records

Record over & under voltage, over & under current, current leakage, voltage imbalance, current imbalance, and phasese quence protection. Note: Tuya app records.

WiFi Indicator Light Status

1. Fast flashing indicates searching for WiFi signal
2. Slow flashing indicates WiFi offline status
3. Long light indicates that WiFi is connected

Installation and Usage Conditions

1.Working Temperature: -30℃-70℃
2.Working Humidity: ≤85%
3.Working Altitude: Not Exceeding 2000m
4.Pollution Level: Level 3
5. Modular design appearance and din rail installation
6.Wiring Capacity: Insulated copper wire uner 35mm²

Fault Settings

Long press ⚙ key to enter the settings states and show the settings

↓

Change the settings by prese ∧ ∨ keys

↓

Short press OK key to confirm the settings on this page and jump to the next settings page

↓

Long press OK key to exit the settings states and save the settings

Notes

1.This product has no isolation function. Please turn off the power before repairing.

2. The zero line(Neutral N line) of this product is directly connected without any disconnection function.

3.The device must be wired according to the markings and must be installed correctly.

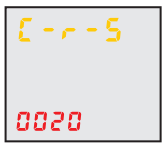
4. Although this device has protection function, but it cannot replace normal circuit breaker, so please install circuit breaker before this device as always.

5. Please tighten the clamp screws hard to avoid the device being damaged caught by poor contact.

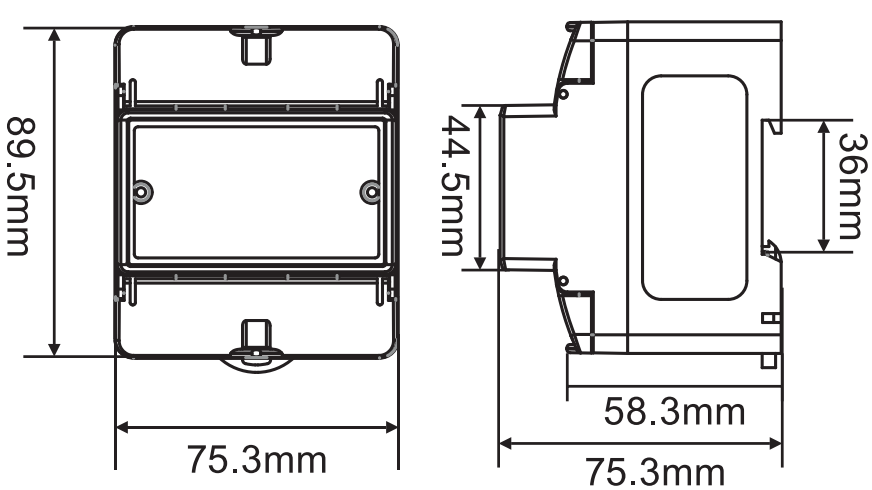
Installation Wiring & Dimensions

Function	Set Parameter Range	Factory Default Settings	Function Description
Over Voltage Limit	120V-300V	275V	 If the over voltage limit is set at 300V, when the voltage is over 300V, the device will automatically switch off.
Under Voltage Limit	80-210V	175V	 If the under voltage limit is set at 80V, when the voltage is under 80V, the device will automatically switch off.
Under & Over Voltage Protection Delay	1-9999Second(S)	3s	 If the voltage is over or under the set value, the device will automatically switch off after the set delay time.
Over & Under Voltage Protection Recovery Time	1-9999Second(S)	20s	 If the voltage is over or under the set value, the device will automatically switch off and when the voltage returns to normal value it will recover after the set delay time.
Over Current Limit	1.0-100.0A	80.0A	 If the over current limit is set at 80A, the device will automatically switch off when the current is over 80A.
Over & Under Current Protection Delay	0000-9999Second(S)	5s	 If the current is over or under the set value, the device will automatically switch off after the set delay time.

Installation Wiring & Dimensions

Function	Set Parameter Range	Factory Default Settings	Function Description	
Over & Under Current Protection Recovery Time	0000-9999Second(S)	20s		If the current is over or under the set value, the device will automatically switch off and when the current returns to normal value it will recover after the set delay time.
Under Current Limit	1.0-100.0A	10.0A		If the under current limit is set at 60A, the device will automaticaly switch off when the current is under 60A.
Current Leakage Limit	10-100mA	30mA		If the current leakage limit is set at 30mA, the device will automaticaly switch off when the current leakage is over 30mA.
Display Mode	Display Mode 1 Display Mode 2	Display Mode 1		Default Display Mode 1 , refer to page 3 (Display Mode)
Energy Consumption Zero Clearing		Default OFF		OFF/On
Factory Settings Reset		Default OFF		OFF/On

Installation Wiring & Dimensions

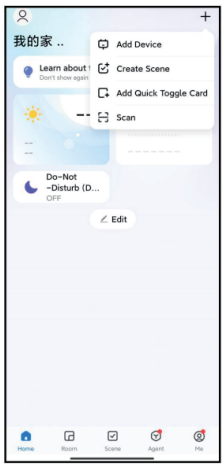


HOW TOADD DEVCETOAPP

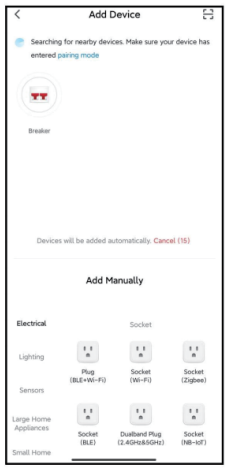
1. Use your smart phone to scan QR codes, or search "Smart Life" or "Tuya Smart" app in Google play or APP Store to download and instal.

2. Create an account with your mobile number.

3.Connect you mobile to your Wi-Fi router. Click "+" inthe upper right conner of homepage or click "Adddevice" then select breaker "Switch module(Wi-Fi)" from "Energy", long press WiFi button for 5 seconds, after the WiFi indicators starts to flash quickly, open app to pair.



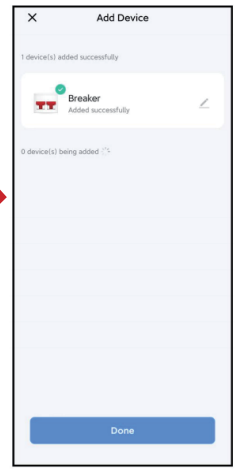
Click Add Device to start adding protector



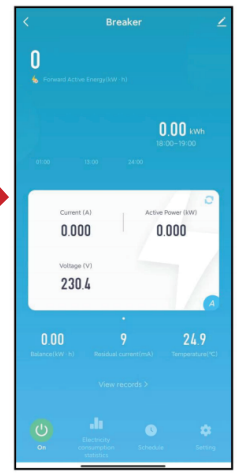
Turn on the Bluetooth of your phone, search for the protector, find the protector, and click "Add"



Enter Wi-Fi password to connect to the network



The protector is added successfully



Enter the mobile phone operation in terface

Tuya Smart

Available on the App Store

PROOUCT PARAMETERS

Rated Supply Vottage: AC380V
Rated Frequency: 50/60Hz
Power Display Range: 0-99999.9kw/h
Protection Trip Action Time:<0.5s
OperationVoltage Range: AC80V-400(Single Phase)
Rated Current: 1-100A
Operating Temperature: -30℃ to 70℃

Setting Range:
OverVoltage(>U): 120-300V
Under Voltage(<U): 80-210V

Over Current & Leakae Protection
Current Leakage: 10-99mA/OFF
Reset/Start Delay: 0s-9999s
Protect Times: 1-30 times/off