



LT-1P40A Smart Circuit Breaker

Installation & User Manual



Please make sure to turn off the main power switch before installation.

Remote control can be turned ON/OFF by phone from anywhere at any time. Review current, power, voltage, leakage current, temperature, number of faults, total battery capacity and recharge capacity on your phone. You can set overvoltage, undervoltage, overcurrent, and leakage current in the application, or you can set the following parameters in Protector.

HOW TO ADD DEVICE TO APP

- Use your smartphone to scan QR codes, or search "Smart Life" / "Tuya Smart" app in Google Play or App Store to download & install.
- Create an account with your mobile number.
- Connect your mobile to your Wi-Fi router. Click "+" in the upper right corner of the homepage or click "Add Device", then select Breaker → Switch Module (Wi-Fi) from "Energy". Long press the WiFi button for 5 seconds until the indicator flashes quickly, then open the app to pair.

Network	Tuya Smart
Rated Voltage	AC110/230V
Operating Voltage	AC80V-300V (Single Phase)
Working Frequency	50/60Hz
APP Share	N Number of People
Installation	35mm Guide Rail
Electrical Life	10 ⁵
Mechanical Life	10 ⁵
Protection Level	IP20
Pollution Level	3
Altitude	< 2000m
Working Humidity	≤50% at 40°C (No Condensation)
Error	1%
>U and <U Trip Delays	0.5s
Reset/Start Delay	10s-99s
Voltage Measurement Accuracy	1% (Not exceeding 1% of the total range)
Rated Insulation Voltage	400V
Output Contact	1NO

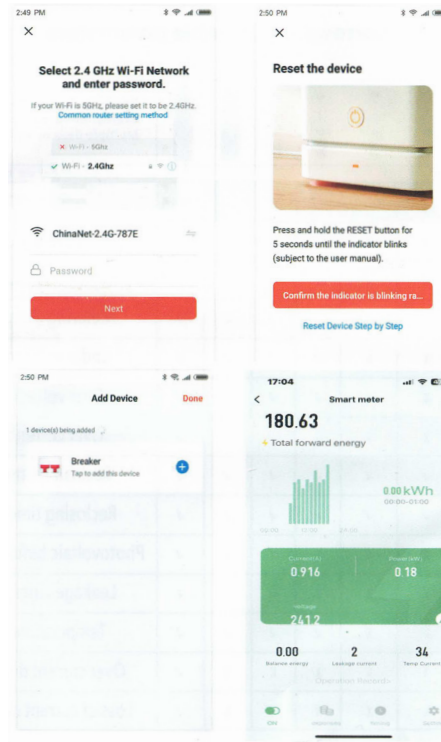
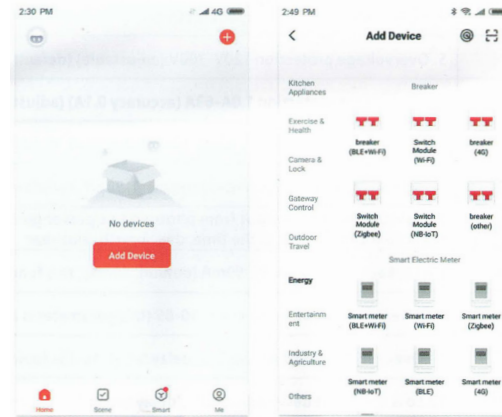
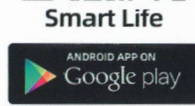
Installation



Remotely control the power ON and OFF via your mobile phone anytime, anywhere. Automatic reclosing switch. Meter prepayment, overvoltage protection, undervoltage protection, overcurrent protection, leakage protection, temperature protection, timing, countdown, cycle timing, inching switch, hourly-year electricity consumption, prepaid password management. Multiple devices and APPs can be set. (Voltage 80-300V, suitable for use in multiple countries.)

(✓ Indicates that this function is available) (X Indicates that this function is not available)

T	J	JT	JL	JLS	DJ	Function	
✓	✓	✓	✓	✓	✓	ON/OFF, Timing	You can set overvoltage/undervoltage/leakage current in the application, or you can set the following parameters in Protector
✓	✓	✓	✓	✓	✓	Reclosing	Four timing modes: Timing Mode, Countdown Mode, Cycle Timing, Jog Switch (30 sets of timing settings).
X	✓	✓	✓	✓	✓	Metering (Prepaid Function)	Automatic Re-closer APP (ON/OFF).
X	X	✓	✓	✓	✓	Undervoltage (Adjustable)	View the electricity input from photovoltaic power generation to the State Grid. The APP can view the electricity generation input to the State Grid by time, day, month, and year (Prepaid Function).
X	X	✓	✓	✓	✓	Overvoltage (Adjustable)	Undervoltage protection: 80V-210V (adjustable), default: 175V. This parameter is only set in the APP (ON/OFF).
X	X	✓	✓	✓	✓	Overcurrent (Adjustable)	Overvoltage protection: 120V-300V (adjustable), default: 275V. This parameter is only set in the APP (ON/OFF).
✓	✓	✓	✓	✓	✓	Reclosing Time (Adjustable)	Overcurrent protection: 1.0A-63A (accuracy 0.1A), adjustable, default: 63A. This parameter is only set in the APP (ON/OFF).
✓	✓	✓	✓	✓	✓	Reclosing Times (Adjustable)	Reconnection time (delay time): 10s-99s, default: 10s. This parameter is only set in the APP (ON/OFF).
✓	✓	✓	✓	✓	✓	Reclosing Times (Adjustable)	Overcurrent and leakage protection time: 1-30 times, default value: 5. This function can be turned OFF. This parameter is only set in the APP.
X	X	X	X	✓	✓	Photovoltaic Bidirectional Metering	View the electricity input from photovoltaic power generation to the State Grid. The APP can view the electricity generation input to the State Grid by time, day, month, and year.
X	X	X	✓	✓	✓	Leakage Current (Adjustable)	View the electricity input from photovoltaic power generation to the State Grid. The APP can view the electricity generation input to the State Grid by time, day, month, and year.
✓	X	✓	✓	✓	✓	Temperature (Adjustable)	Leakage protection: 10-99mA, default: 50mA. This function can be turned OFF. This parameter is only set in the APP (ON/OFF).
X	X	X	X	X	✓	Overcurrent Delay (Adjustable)	Over-temperature protection: 10-85°C. This parameter is only set in the APP (ON/OFF).
X	X	X	X	X	X	Loss of Current Delay (Adjustable)	Overcurrent delay time: 1s-15s, default: 1s. This parameter is only set in the APP (ON/OFF).
X	X	X	X	X	X	Loss of Current Delay (Adjustable)	Loss of current delay time: 1s-15s, default: 1s. This parameter is only set in the APP (ON/OFF).



Product Dimension

