EXUR7-150A Autoreclosed Power Protector



Product Characteristics

- Microcontroller-based.
- Digital display of working voltage, current.
- Measurement accuracy is 0.5 class.
- With fault alarm function.
- Protection will be triggered after three consecutive leakage occurrences.
- Lightning surge protection level: Class III.
- Key setting parameter.
- DIN rail mounting.

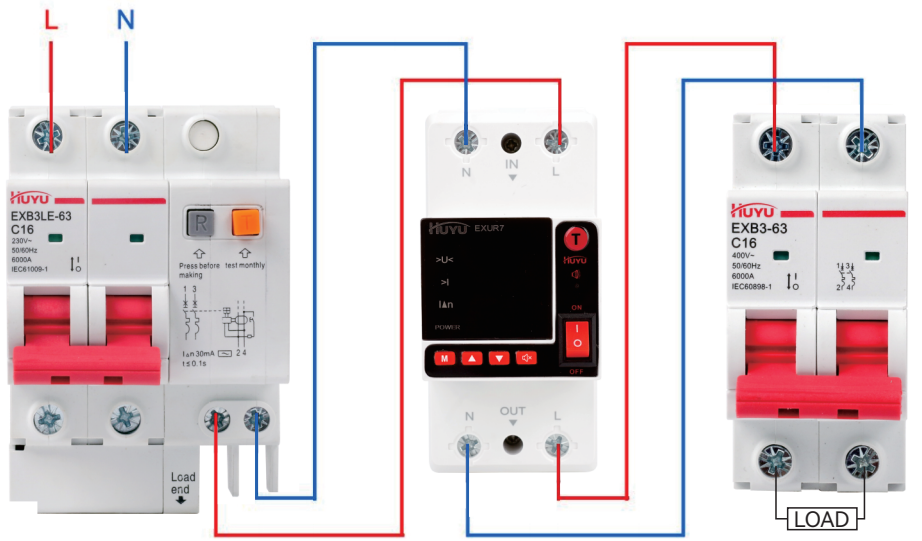
Matters Needing Attention

1.When installing the product, the input terminal must be connected to a circuit breaker.
2.The equipment must be installed by qualified professionals
3.Before operating the device, disconnect all power supplies and do not touch any terminal when the power supply is connected.
4.Verify that terminals are properly connected.
5.Do not use the equipment in places that may be corroded by gas, strong sunlight and rain.
6.Clean equipment with a dry cloth.
7.Failure to comply with these instructions will result in serious injury or serious accident.

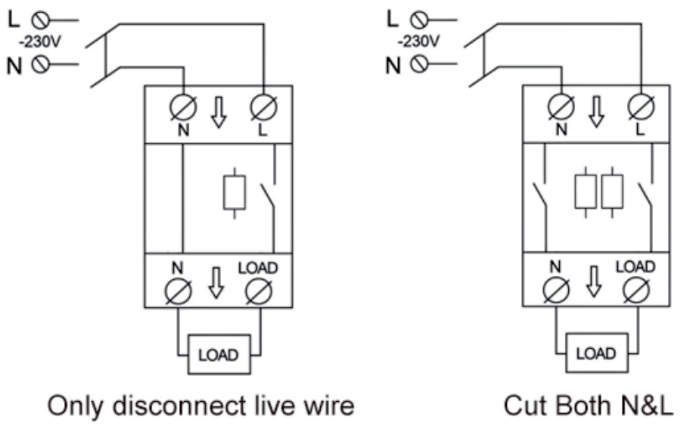
Technical Data

Rated supply voltage	AC 110V/220V	Mechanical life	10^6
Operating voltage range	AC 80-300V	Protection class	IP20
Rated frequency	50/60Hz	Pollution degree	3
Hysteresis	Overvoltage:5V Undervoltage:5V	Altitude	<2000m
Measurement accuracy	0.5 class	Operating temperature	-5℃~40℃
Rated insulation voltage	450V	Humidity	≤50% or 40℃
Output contact	1NO	Storage temperature	-10℃~55℃
Electrical life	10^5	Product size	50*111*70mm

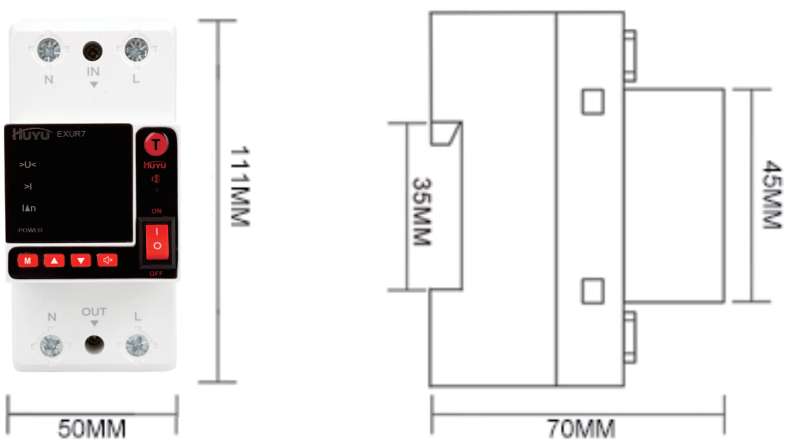
Wiring Diagram



Electrical Symbol Diagram



Overall Dimensions



Display Panel

>U<: Over/Undervoltage Indicator
>I: Overcurrent Indicator
I△n: Leakage Indicator
Power : Power Indicator

- Overvoltage: fast screen flash
- Undervoltage: slow screen flash

Menu key

Adjustment key +

Adjustment key -

Mute Key

Tun to OFF state, long press the Mute key to restore factory settings

Leakage Test Key

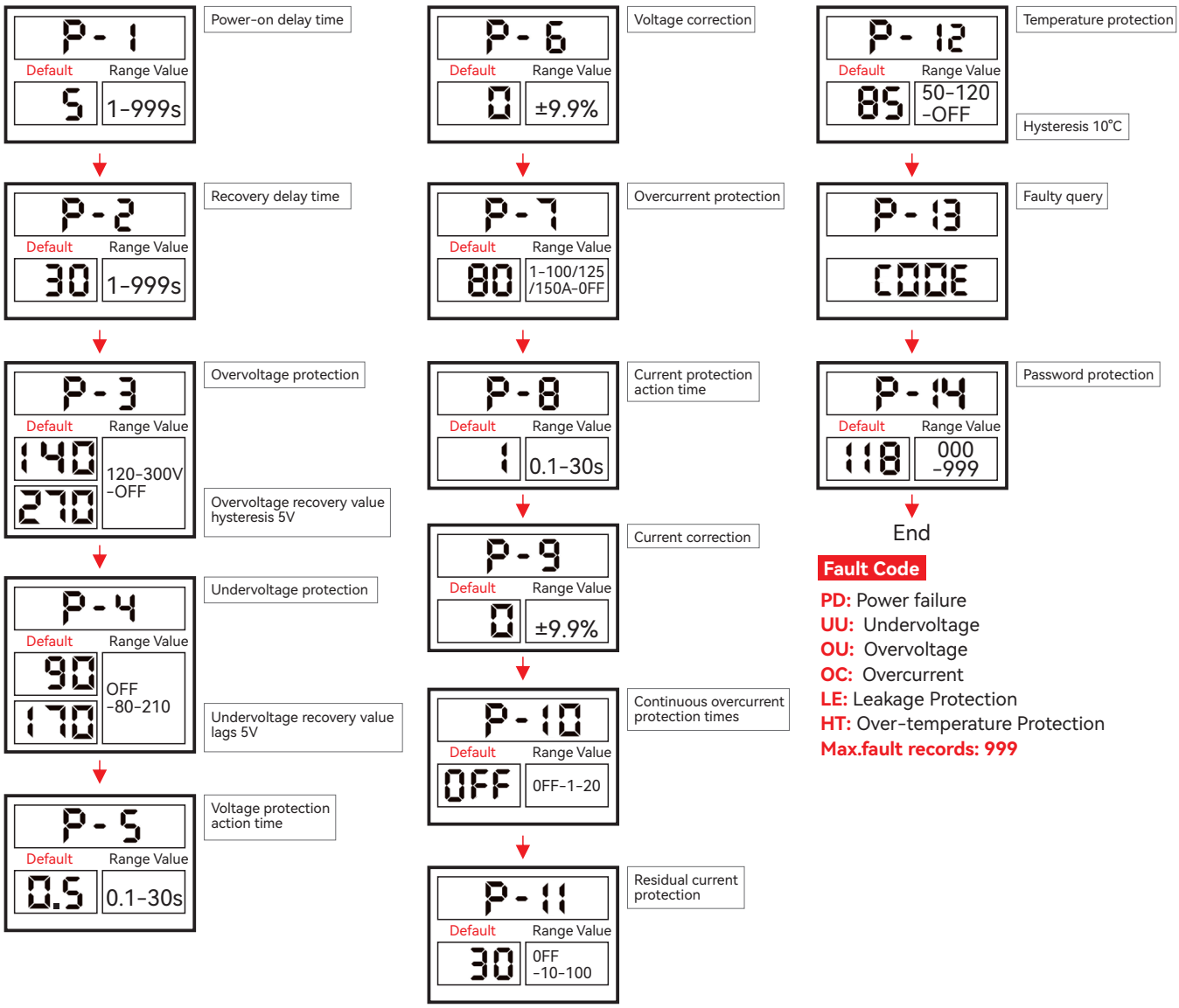
Do not perform this test when the leakage parameter is set to OFF

On/Off Switch

Program Description

Set character	Technical parameter	Set range	Default value	Step forward	Function description
P-1	Power-on delay time	1s-999s	5s	1s	Power-on delay time of product
P-2	Recovery delay time	1s-999s	30s	1s	Line recovery start-up time
P-3	Overvoltage protection	120V-300V-OFF	270 140	1V	Overvoltage recovery value, hysteresis value 5V
P-4	Undervoltage protection	OFF-80V-210V	170 90	1V	Undervoltage recovery value, hysteresis difference 5V
P-5	Voltage protection action time	0.1S-30S	0.5S	0.1S	Protection activation time in case of overvoltage and undervoltage
P-6	Voltage correction	±9.9%	0	0.1%	Correct the voltage error.
P-7	Overcurrent protection	1-100A/125A/ 150A/OFF	80A 100A 125A	1A	When the current is higher than the set value, the protector will cut off the line.
P-8	Current protection action time	0.1S-30S	1	0.1S	When overcurrent occurs, the time required for protection to act.
P-9	Current correction	±9.9%	0	0.1%	Calibrate current value
P-10	Continuous overcurrent protection times	OFF-1-20	OFF	1	When the times of continuous overcurrent protection exceed the set value, the protector will cut off the circuit and require manual reset.
P-11	Residual current protection	0FF-10-100	30mA	1mA	Leakage protection operating time is within 100ms.
P-12	Temperature protection	50C-120℃ -0FF	85℃	1℃	After temperature protection, the hysteresis value is restored to 10℃.
P-13	Faulty query				The device records and displays fault causes and their occurrence times.
P-14	Password protection	000999	118	1	After password change, only parameter viewing is allowed; parameter modification is prohibited.

Setup Menu



Fault Code

PD: Power failure
UU: Undervoltage
OU: Overvoltage
OC: Overcurrent
LE: Leakage Protection
HT: Over-temperature Protection
Max.fault records: 999