

TOVPD1-63DK Can simultaneously **cut off both L and N**

General

TOVPD1-63DK is an intelligent protector integrated with over-voltage protector, under-voltage protector and over-current protector. In case of over-voltage fault, under-voltage fault or over-current fault in the line, this product can instantly power off to prevent electrical equipment from being damaged. The over-voltage, under-voltage, and over-current values of this product can all be set by the user and adjusted according to local practical conditions.

Functions

1. Over-voltage protection
2. Under-voltage protection
3. Over-current protection
4. Automatic recovery
5. Voltage display(voltage measurement)
6. Current display (current measurement)
7. Voltage calibration: Voltage $\pm 9.5\%$ adjustable
8. Restore factory settings: press the down button for more than 6s
9. Fault inquiry: Press the UP button from more than 12S
10. Cut off both the neutral wire and the live wire.

Product Parameters

1. Model number: TOVPD1-60DK
2. Power supply: 230VAC 50/60Hz
3. Max.Loading power: 1~63A Adjustable(default: 63A)
4. Over-voltage protection value range: 100-300V(default: 270V)
Over-voltage recovery voltage range: 95V-295V(default: 95V)
Over-voltage protection action time: 0.1s~30s(default value: 1s)
Over-voltage recovery delay time: 1s~500s(default: 30s)
5. Under-voltage protection value range: 80-280V(default: 80V)
Under-voltage recovery voltage range: 85-285V (default: 285V)
Under-voltage protection action time: 0.1s~30s(default: 1s)
Under-voltage recovery delay time: 1s~500s(default: 30s)
6. Over-current adjustment range: 1-63A (default: 40A)
Over-current action range: 0.1~30 second (default: 1s)
Over-current recovery delay time: 1s~500s(default: 30s)
7. Power-on delay time: 1s~500s(default: 10s)
9. Power consumption: <2W
10. Electric machinery life: 100,000 times
11. Installation: 35mm Dinrail

Brand	TOMZN
Input voltage	AC 90-300V
Over-voltage protection value	100-300V default 270V
Under-voltage protection value	80-280V default 80V
Over-current protection value	63A:1-63A default 40A
	80A:1-80A default 60A
Recovery delay time	1-500s default 30s
Continuous over current faults times	1-20 times default OFF
Power consumption	≤2W
Boundary dimention	90.4 x 53 x 67mm

Model NO.	TOVPD1-63DK
Power-on delay time	1-500s default 10s
Over-voltage recovery value	95-295V default 95V
Under-voltage recovery value	85-285V default 285V
Over-current recovery value	0.5-62.5A
	0.5-79.5A
Action time	0.1-30s default 1s
Voltage calibration	-9.9-9.9%
Electrical and mechanical life	>100000cycles
Wiring	Top input bottom output



Dual-relay
design



Current
display



Voltage
display



Limit
current

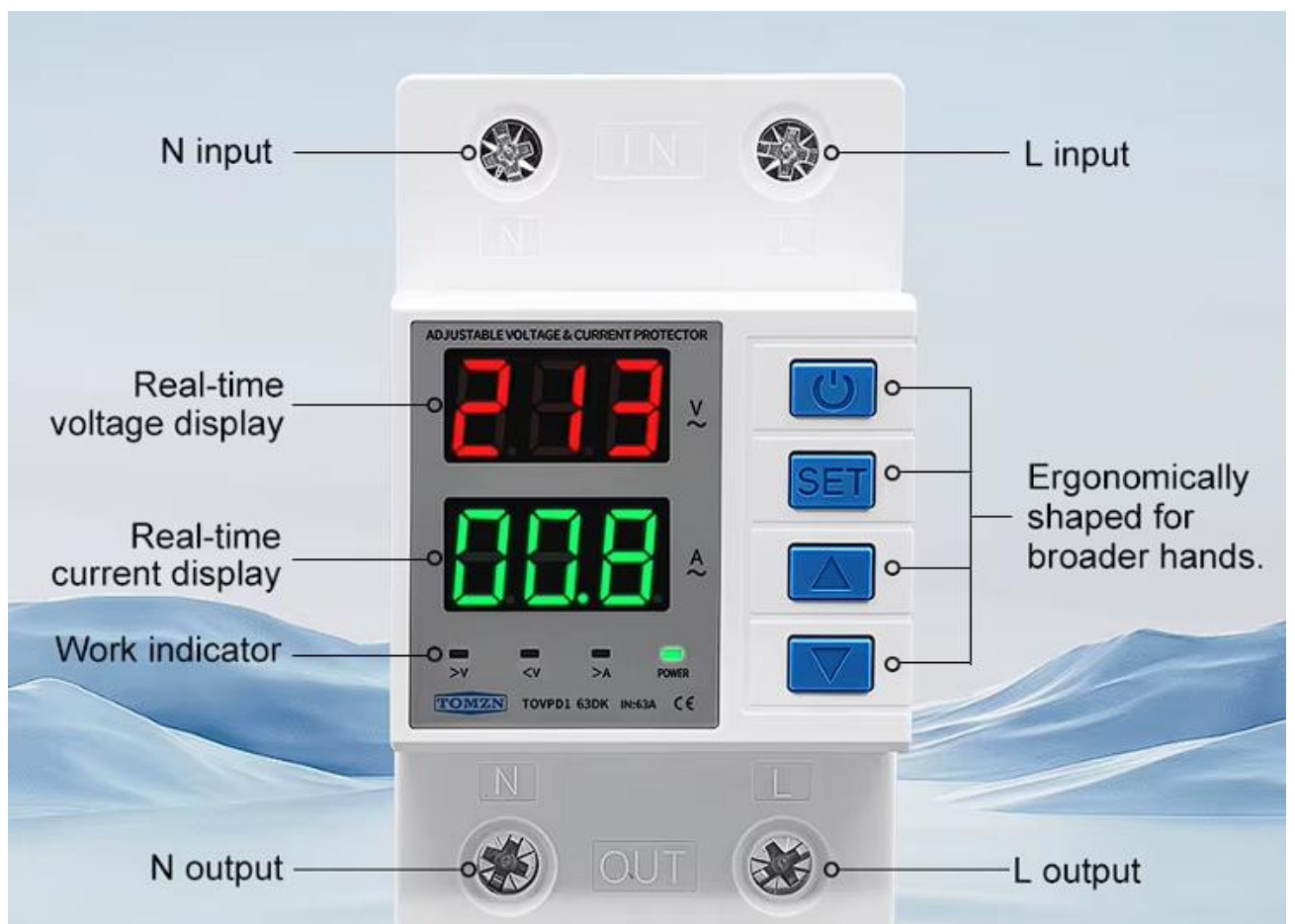


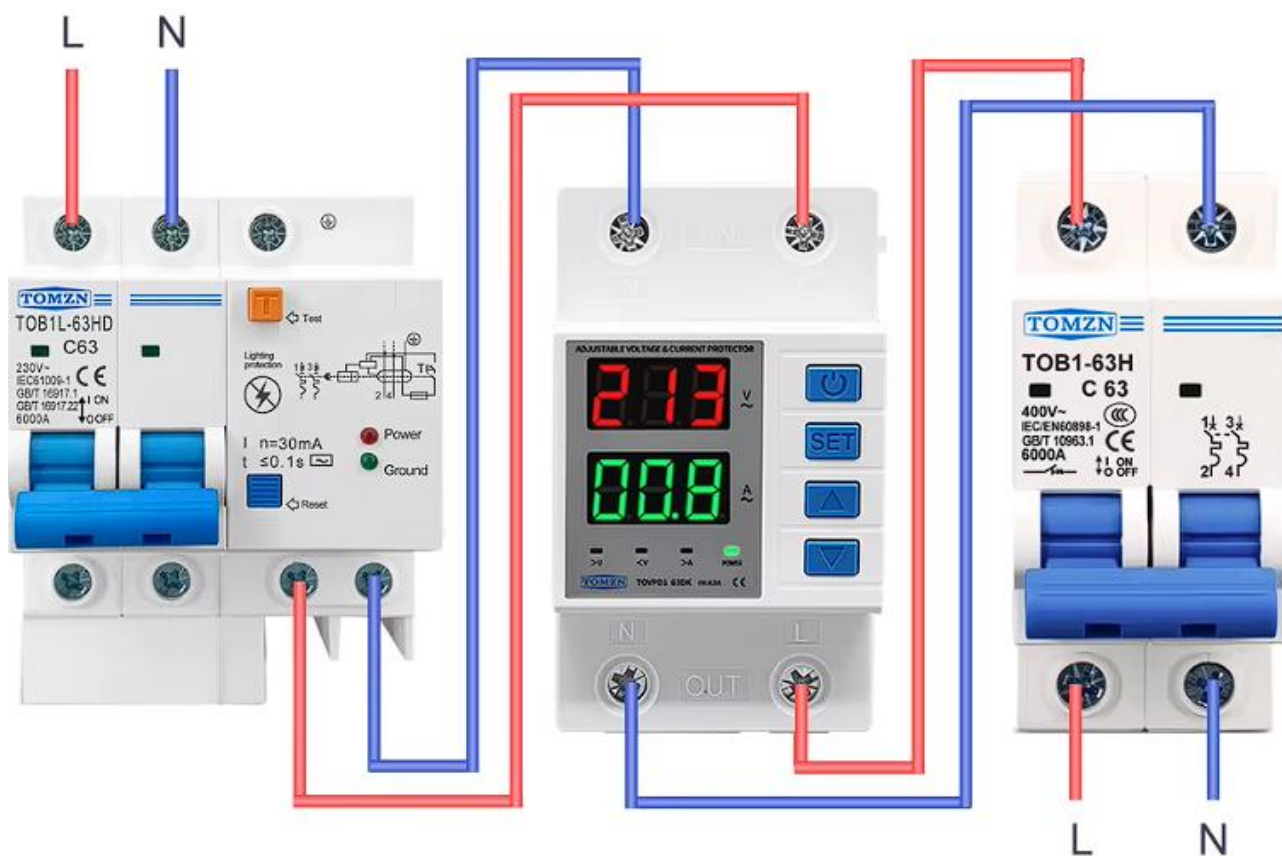
Over and under Voltage
protection

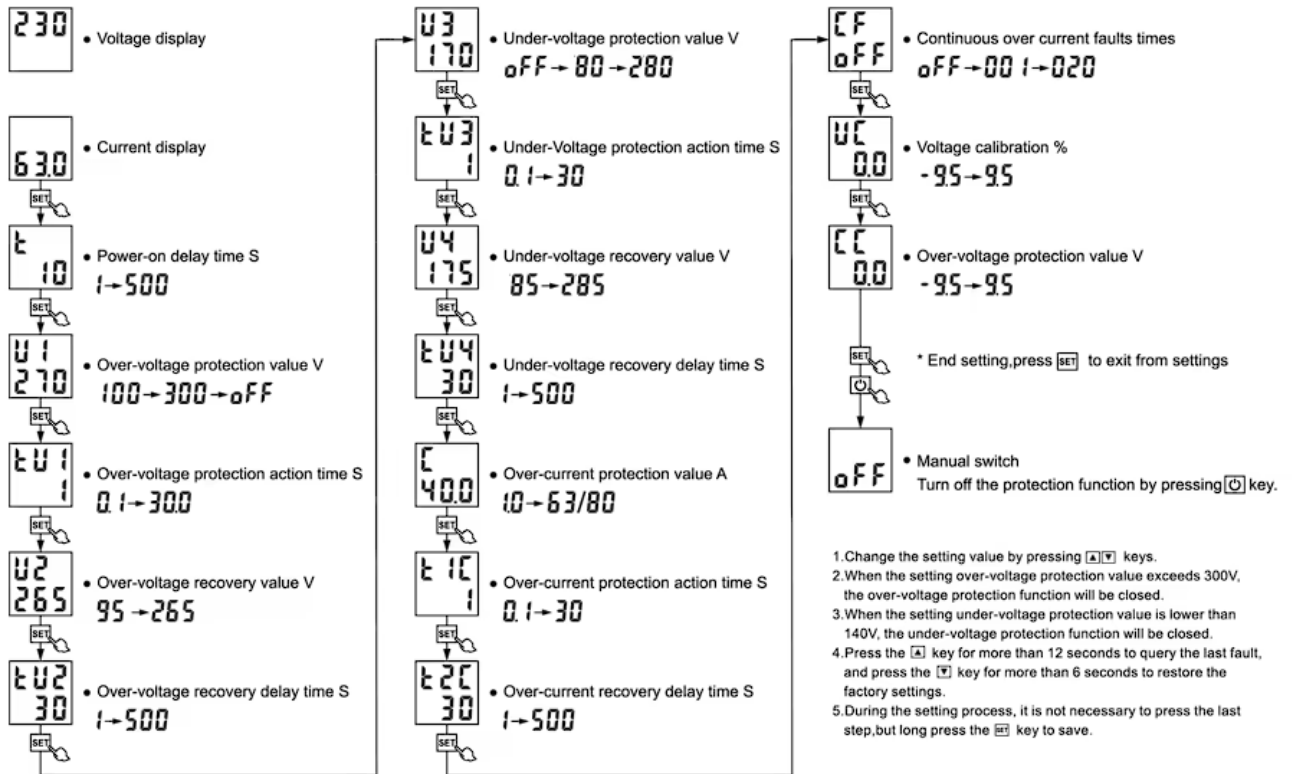


Automatic
reset









1. Change the setting value by pressing **▲▼** keys.
2. When the setting over-voltage protection value exceeds 300V, the over-voltage protection function will be closed.
3. When the setting under-voltage protection value is lower than 140V, the under-voltage protection function will be closed.
4. Press the **▲** key for more than 12 seconds to query the last fault, and press the **▼** key for more than 6 seconds to restore the factory settings.
5. During the setting process, it is not necessary to press the last step, but long press the **SET** key to save.