

Digital Display: Provides real-time monitoring of current and voltage levels.

Adjustable Protection: Offers precise control over overcurrent, overvoltage, and undervoltage settings.

40A Capacity: Protects circuits up to 40A, suitable for various applications.

18mm DIN Rail Mounting: Easy installation on DIN rails for compact and efficient use.

Dual Display: Simultaneously shows both current and voltage readings for comprehensive monitoring.

Functions 1.Over-voltage protection 2.Under-voltage protection 3.Over-current protection

4Automatic recovery 5.Voltage display(voltage measurement) 6.Current display(current measurement) 7.Voltage calibration: Voltage $\pm 10\%$ adjustable. A13 Current $\pm 10\%$

adjustable. A15 8.Restore factory settings: press the down button for more than 12s

9.Fault inquiry: Press the UP button from more than 12S

Product Parameters 1.Model number:TOVPD1-40M 2.Power supply:110V/230VAC

50/60Hz 3.Max.Loading power:1~40A Adjustable(default:40A) 4.Over-voltage protection

value range:100V~300V~OFF(default:270V) Over-voltage recovery voltage

range:95V~295V(default:265V) 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:80V~280V~OFF(default:170V) Under-voltage recovery voltage

range:85V~285V (default:175V) Under-voltage protection action time:0.1s~30s(default:1s)

Under-voltage recovery delay time:1s~500s(default:30s) 6.Over-current adjustment

range:1~40A (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 DIN rail



Strengthening
button



Current
display



Voltage
display



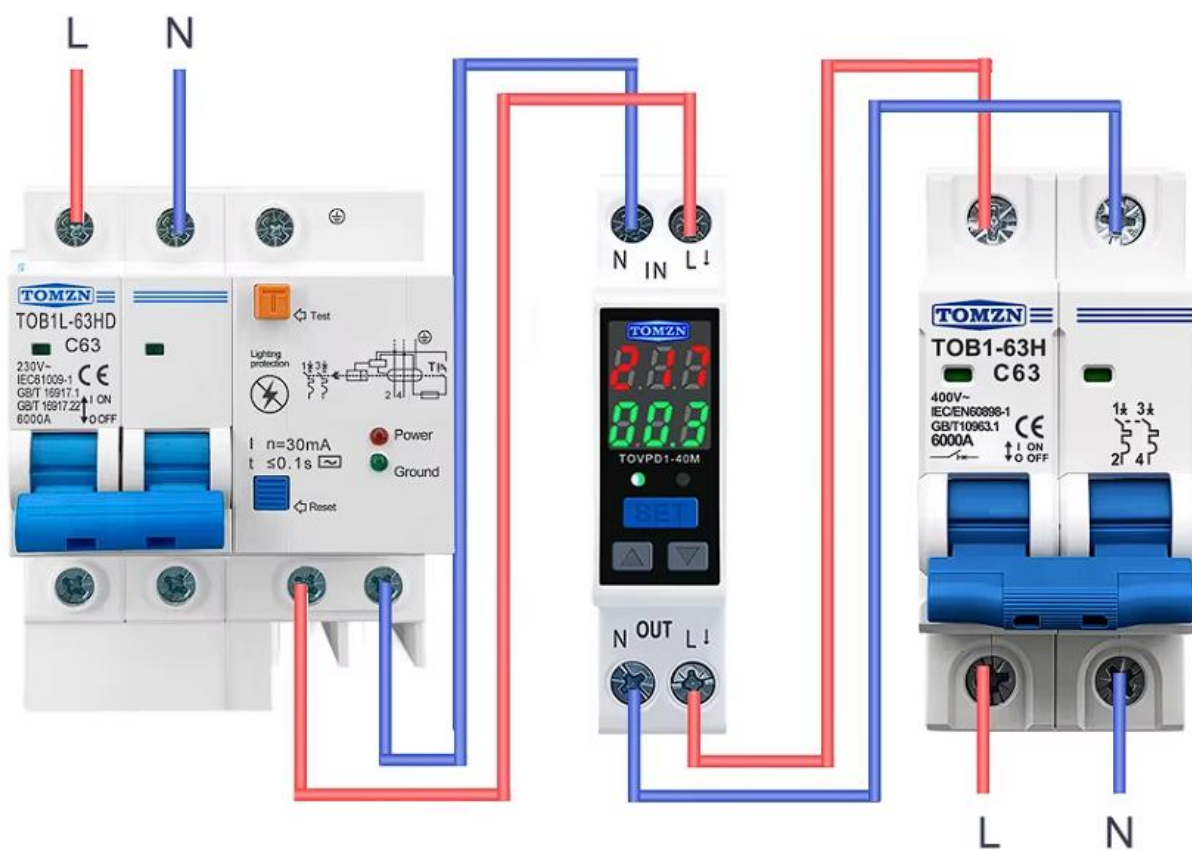
Limit
current



Over and under Voltage
protection



Automatic
reset



Brand	TOMZN
Input voltage	AC 80-300V
Over-voltage protection value	100-300V default 270V
Under-voltage protection value	80-280V default 170V
Over-current protection value	40A:1-40A default 40A
Recovery delay time	1-500s default 30s
Power consumption	≤2W
Boundary dimention	81.5*70*18mm

Model NO.	TOVPD1-40M
Power-on delay time	1-500s default 10s
Over-voltage recovery value	95-295V default 265V
Under-voltage recovery value	85-285V default 175V
Over-current recovery value	1-40A
Action time	0.1-30s default 1s
Voltage/current/kilowatt-hour calibration	-9.5-9.5%
Electrical and mechanical life	≥100000cycles
Wiring	UP-IN DOWN-OUT

