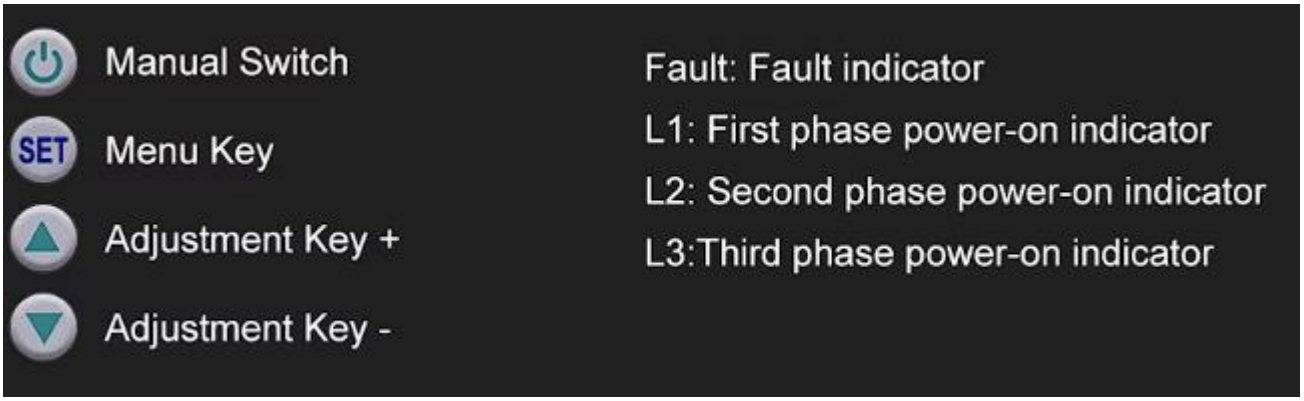
Rated supply voltage: AC220V
Max load current: 63A
Current protection:1-63A adjustable
Operation voltage range: AC140V-300V
Rated frequency:50/60Hz
Hysteresis:Over voltage and asymmetry:5V, Under voltage:3V
Asymmetry trip delay: 10s
Voltage measurement accuracy: ≤1%(over the whole range)
Rated insulation voltage: 450V
Output contact: 1NO
Electrical life:100000
Mechanical life: 100000
Protection degree: IP20
Pollution degree: 3
Altitude: ≤2000m
Humidity: <50% at 40'C(without condensation)

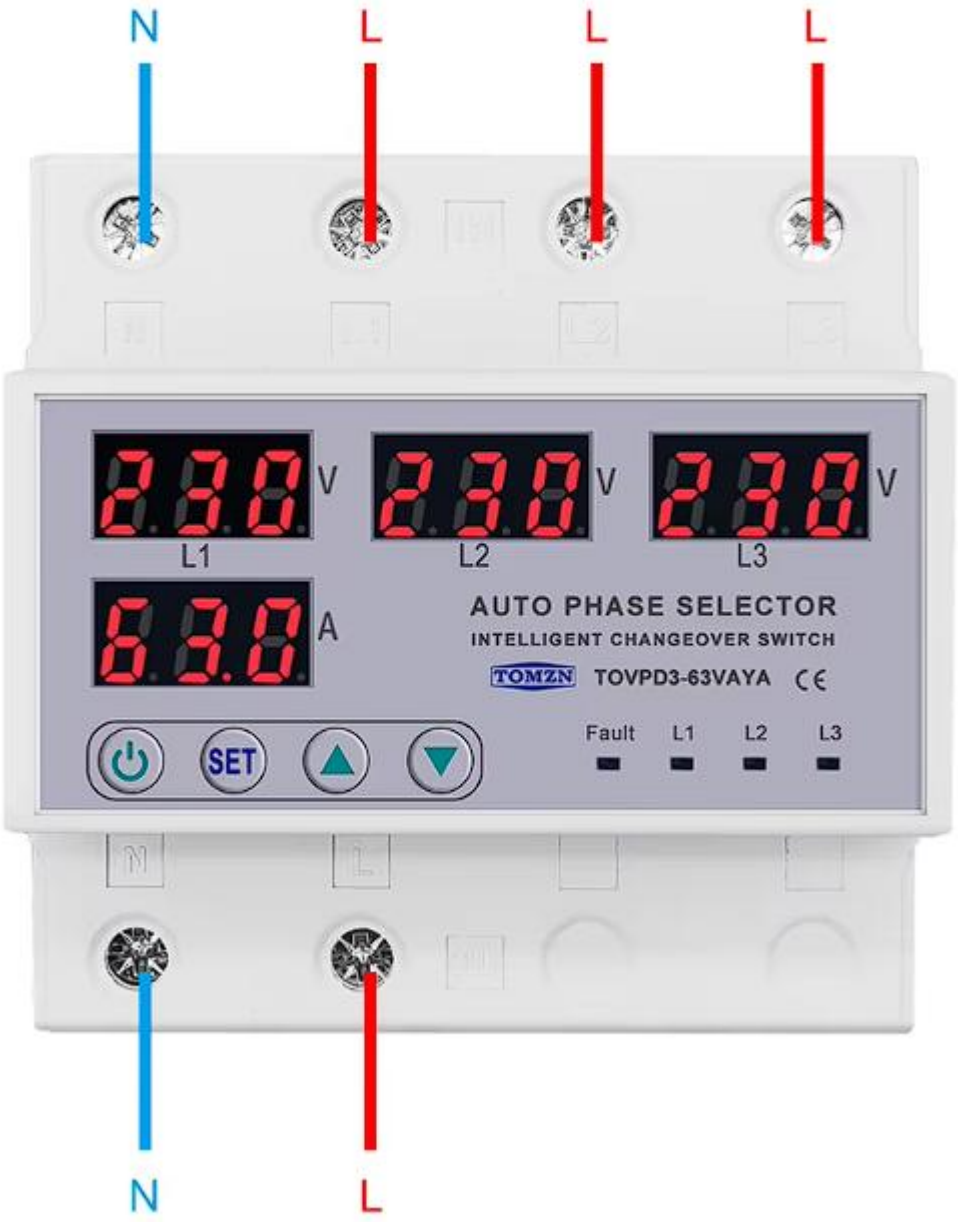

OVER-VOLTAGE PROTECTION
UV
UNDER-VOLTAGE PROTECTION
OA
OVER-CURRENT PROTECTION
V
PHASE SELECT
AUTOMATIC RESET
ACTION TIME ADJUSTABLE
RESET TIME ADJUSTABLE
LCD
REAL TIME DISPLAY OF CURRENT AND VOLTAGE
FLAME RETARDANT SHELL


Manual Switch
SET
Menu Key
Adjustment Key +
Adjustment Key -
Fault: Fault indicator
L1: First phase power-on indicator
L2: Second phase power-on indicator
L3:Third phase power-on indicator

Technical parameter	Setting range	Factory setting	Step	Function description
Power-on delay time	1s-500s	10s	1s	After external power cut,the time needed for power-on when power recovery.
Over-voltage protection value	230V-300V	270V	1V	When the voltage of one phase is over the set value, the protector will cut off this phase and switch to the next phase according to the sequence set in Pr1.When all three phases' voltageis over the set value, the protector will cut off all lines
Over-voltage recovery value	225V-295V	265V	/	When the voltage is 5V or more than 5V lower than the over-voltage protection value, the protector will automatically reset.This parameter automatically changes with the change ofover-voltage protection value and does not need to be set.
Under-voltage protection value	140V-210V	170V	1V	When the voltage of one phase is under the set value, the protector will cut off this phase andswitch to the next phase according to the sequence set in Pr1.When all three phases' voltageis under the set value, the protector will cut off all lines
Under-voltage recovery value	145V-215V	175V	/	When the voltage is 5V or more than 5V higher than the under-voltage protection value, theprotector will automatically reset.This parameter automatically changes with the change ofover-voltage protection value and does not need to be set.
Over-current protection value	3A-63A-OFF 3A-100A-OFF	40A 60A	1A	When the current is higher than the set value, the protector will cut off the line.When setting OFF,the protector will turn off over-current protection function.
Times of continuous over current protection	OFF-1-20	OFF	1	When The times of continuous over-current protection exceeds the set value,the protector willcut off the line,then it needs to be opened manually.
Phase sequence switching detection time	OFF-1S-500S	10S	1S	The time required to detect whether the voltage of the priority phase is stable before disconnect OFF means that there is no need to wait for detection and switch directly to the priority phase.

Phase sequence recovery switching settings	ON	ON-OFF	/	ON means that when the priority phase returns to normal, it will switch to the priority phase.OFF means that even if the priority phase returns to normal, the protector will not switch to thatphase.
Phase sequence switching recovery time	OFF-1S-500S	10S	1s	Time required to switch to priority phase.
over-current protection action time	0.1s-30s	1.0s	0.1s	When over current,the time needed for protection action.
Voltage calibration	-9.5%-9.5%	0	0.5	Correct the voltage error.
Current calibration	-9.5%-9.5%	0	0.5	Correct the voltage error.
Input phase priority selection	ABC-ACB-BAC-BCA-CAB-CBA	ABC	/	Set the input priority of each phase.A:L1,B:L2,C:L3

WIRING DIAGRAM




90mm
50mm
91mm
L1
L2
L3
V
A
AUTO PHASE SELECTOR
INTELLIGENT CHANGEOVER SWITCH
TOMZN
TOVPD3-63YAYA
Fault
L1
L2
L3
SET
IN
OUT