Mayoka VA Protector

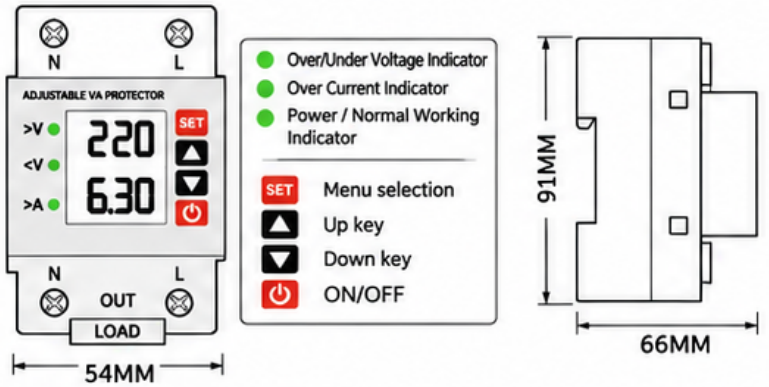
80A Voltage & Current Protector

Programmable voltage and current protection relay

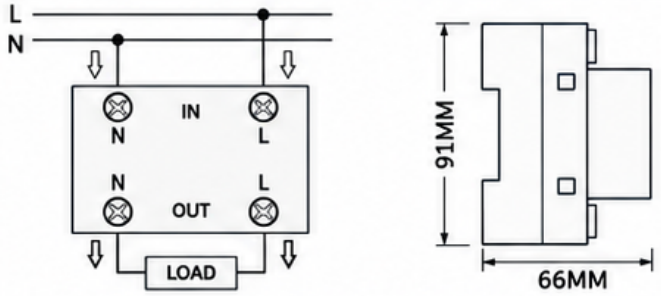
Technical Data

Rated supply voltage	AC 220V / DC 80-300V
Rated frequency	40/50/60/70Hz
Setting range of over-voltage	AC130-300V
Setting range of under-voltage	AC80-210V / DC80-210V
Voltage hysteresis	5V
Over-voltage trip delay	0.5s
Voltage measurement accuracy	<1%
Max. operating phase voltage	350V
Max. operating current	63A/100A
Max. operating power	35kW
Altitude	2000m
Ambient temperature	-25°C to 50°C
Relative humidity	≤50% at 40°C (without condensation)
Storage temperature	-25°C to 55°C
Dimensions	91×54×66mm

Front Panel



Wiring Diagram / Dimensional Drawing



Setup Menu

P-1	Power-on delay	1-999s
P-2	Recovery delay time	1-999s
P-3	Over voltage	130V-300V
P-4	Recovery over voltage	125V-295V
P-5	Under voltage	80V-210V
P-6	Recovery under voltage	85V-215V
P-7	Over/under voltage trip delay time	0.1s-10s
P-8	Voltage correction	-10% to +10%
P-9	Over current	1A-100A
P-10	Over current trip delay time	0.1-10s
P-11	Over current count	0-20 times
P-12	Current correction	-10% to +10%A
P-13	Frequency correction	Do not modify -2.5Hz to +2.5Hz
P-14	Fast power-off protection	ON/OFF
P-15	Display mode	1. Standard mode 2. Manual mode 3. Auto mode
P-16	Auto reset	ON/OFF
P-17	Action / Knife switch	ON/OFF
P-18	Energy-saving mode	ON/OFF
P-19	Password setting	000-999

Note: The current is not displayed when the input is DC. If the input is AC, only voltage is displayed.