KINGE

Three Display Current Voltage Meter Protector

- Voltage Protection
- Current Protection
- Current accuracy 0.1A



CE



KNS5-VAM/1P+N
Adjustable V/A Protector

Product introduction

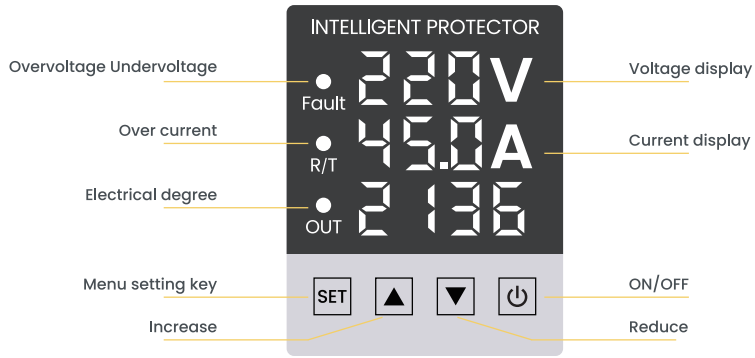
The **KNS5-VA/1P+N** product integrates overvoltage protection, undervoltage protection, overcurrent protection, electricity metering, and intelligent protection functions. When overvoltage, undervoltage, or overcurrent faults occur in the circuit, this product can immediately disconnect the circuit, preventing unnecessary damage to electrical equipment.

Product functions

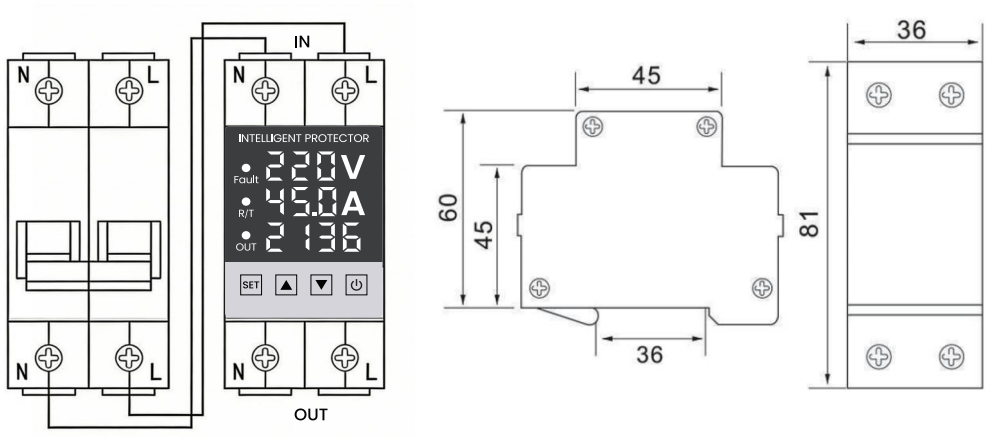
1. Energy Display
2. Automatic Recovery
3. Under Voltage Protection
4. Over Voltage Protection
5. Over Current Protection
6. Electricity metering
7.Temperature protection
8. Colourful LED



Front panel introduction



Installation and dimensions(mm)



KNS5-VAM/1P+N
Adjustable V/A Protector

Technical data

Project	Parameters
Rated supply voltage	AC 220V
Operation voltage range	AC80V~300V (Single phase)
Rated frequency	40/50/60/70Hz
Electric current(>A)setting range	1~63A
Overvoltage(>U)setting range	130-300V
Undervoltage(<U)setting range	80~210V
Error	2%
>U and <U trip delay	0.5S
Reset/start delay	1S-999S
Voltage measurement accuracy	1% (Not exceeding 1% of the overall range)
Rated insulation voltage	300V
Output contact	1NO
Electrical life	10^5
Mechanical life	10^6
Protection degree	IP20
Pollution degree	3
Altitude	<2000m
Operatintg temperature	-50℃~55℃
Humidity	<50% at40℃(without condensation)
Storage temperature	-30℃~70℃

Default setting

Technical parameter	Setting range	Step	Factory setting
Overvoltage trip value	230~300V	1V	280V
Undervoltage trip value	120~210V	1V	160V
Overcurrent trip value	1~63A	1A	20A
Reset/start delay	1S-999S	1s	5s

Current specification	15A	25A	32A	50A	63A
Rated operating current(In,A)	15	25	32	50	63
Maximum operating current Imax (A, within 10min)	25	30	40	60	80
Max.power of load(kW)	3.6	5.5	7	11	13.9

ADJUSTABLE
V/A protector

Setup menu

P-1	Power-on time	P-9	Over current	P-17	Automatic reset
5	1S-999S	63	0.1A-63A	on	on/oFF
P-2	recovery delay time	P-10	Over current trip delay time	P-18	Energy saving mode
30	1S-999S	1	0.1s-10s	oFF	on/oFF
P-3	Over voltage	P-11	Over current count		
270	130V-300V	0	0-20		
P-4	Over voltage recovery	P-12	Current adjustment		
265	225V-295V	oFF	-9.5%A~9.5%A		
P-5	Under voltage	P-13	Frequency correction		
170	80V-210V	0	Do not modify -2.5%~+2.5%Hz		
P-6	Under voltage recovery	P-14	Active power correction		
175	85V-215V	0	-5%KW~5%KW		
P-7	Over/under voltage trip delay time	P-15	Temperature correction		
0.5	0.1s-10s	0	-5% ºC~5%C		
P-8	Voltage Correction	P-16	Protection function switch		
0	-9.9V~9.9V	on	on/oFF		

NOTE:

Reset Settings:
Press and hold the power button for 5 seconds in standby mode to turn on the device.

Clear measurement:
Long press the minus key for 5 seconds to complete.

KINEE

WhatsApp

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