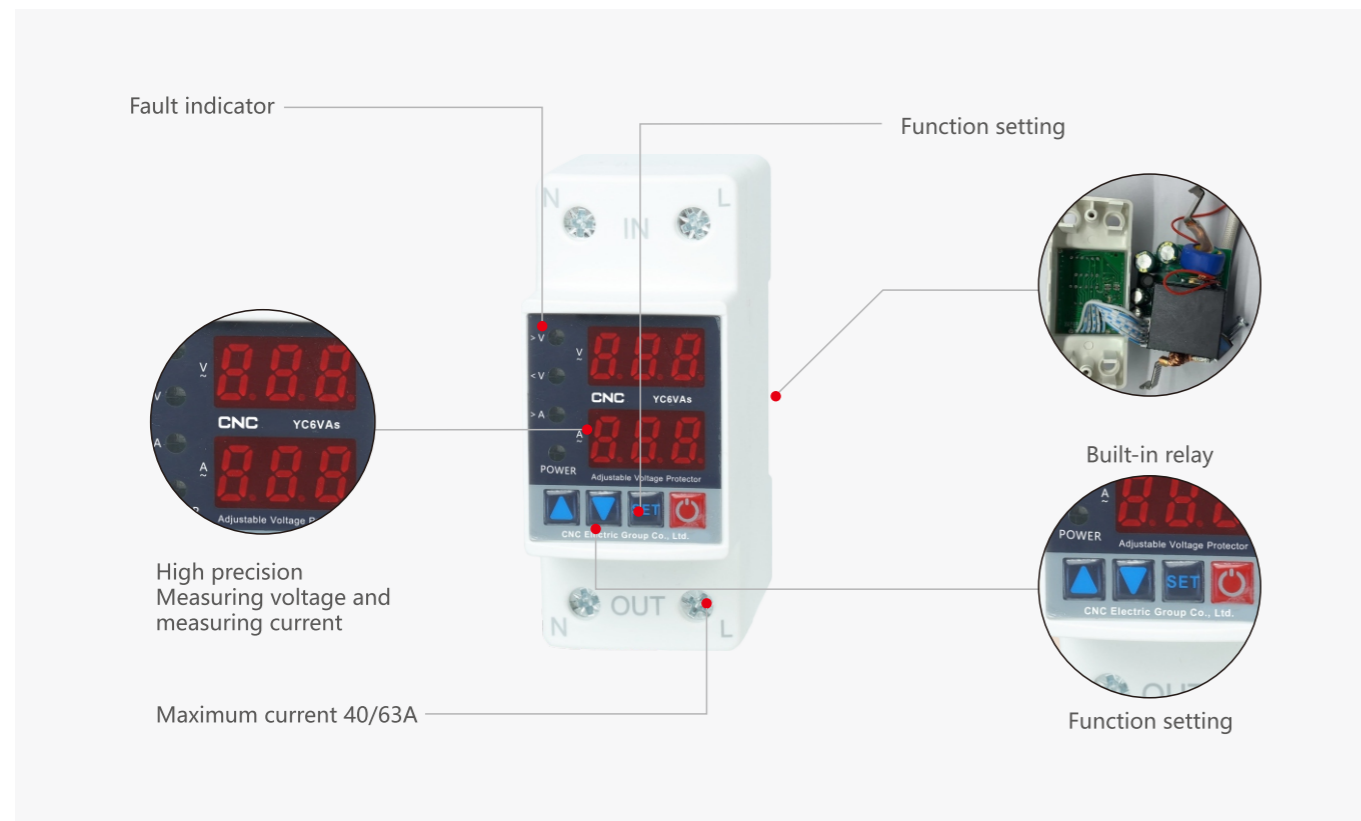


YC6VAs/YC6Vs Overvoltage and Undervoltage Protector



General

Voltage and current display relay is a microprocessor-based voltage monitoring device for single-phase AC networks to protect electrical equipment from surge voltage. The device analyzes the main voltage and displays its current value on a digital indicator. Load is switched by electromagnetic relay. The user can set the current voltage value and delay time through the button. The value is stored in non-volatile memory. Aluminum wires and copper wires can be used for connection.

Application

Voltage and current display relay used in administrative, industrial and residential buildings and has the function of protecting single-phase lines:

- Undervoltageprotection ;
- Overvoltageprotection ;
- Workingundervoltmetermode;
- Overcurrent proteciton.

YC6VAs/YC6Vs Overvoltage and Undervoltage Protector

Technical data	YC6VAs	YC6Vs	YC6As
Rated supply voltage	AC 220V		
Operation voltage range	AC80V-400V		AC80V-350V
Rated frequency	50Hz/60Hz		
Overvoltage (>U) setting range	230-300V		
Undervoltage (<U) setting range	140~220 V		
Rated current	40/63A (subject to product label)		1~40/63A (subject to product label)
> U and < U trip delay	0.1~30s	0.5S	0.5S(> Atrip delay)
Reset/start delay	1~500S	1~600S	1~600S
Voltage measurement accuracy	2% (Not exceeding 2% of the overall range)		1% (Not exceeding 1% of the overall range)
Rated insulation voltage	400V		
Output contact	1NO		
Electrical life	10 ⁵		
Mechanical life	10 ⁶		
Protection degree	Ip20		
Pollution degree	3		
Altitude	≤ 2000m		
Operating temperature	-50°C~55°C		
Humidity	≤50% at 40%(without condensation)		
Storage temperature	-30°C~70°C		

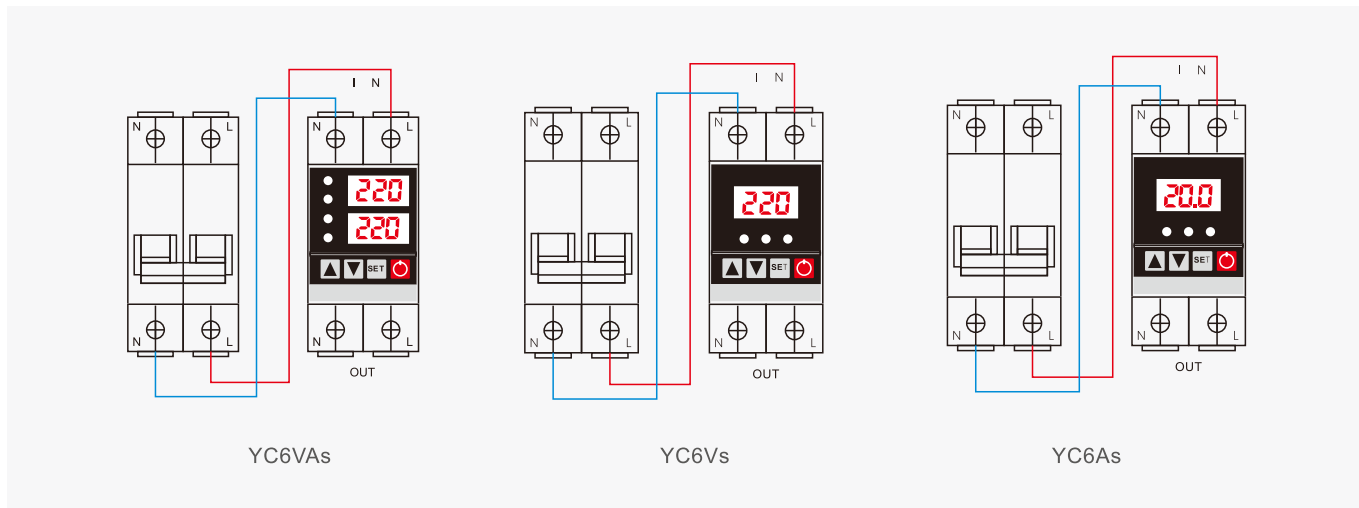
Current specification	15A	25A	32A	50A	63A
Rated operating current(In, A)	15	25	32	50	63
Maximum operating current I _{max} (A, within 10min)	25	30	40	60	80
Max. power of load(kW)	3.6	5.5	7	11	13.9

Modular DIN Rail

YC6VAs/YC6Vs Overvoltage and Undervoltage Protector

Wiring diagram

A



Overall and mounting dimensions(mm)

