


# YC6VAZs series

Electronic phase switch

OPERATION INSTRUCTION

**CNC**

Deliver  
Power For Better Life

 Before installing and using this product, please read this manual carefully and pay more attention to safety.

## YC6VAZs series

### 1. General

Function description: When a phase of L1, L2, L3 overvoltage, undervoltage or phase lacked, the relay will be disconnected and automatically search for the normal phase, and switch to open the relay of the normal phase, switching priority L1>L2>L3

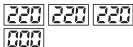
### 2. Technical data

Model	YC6VAZs		
Rated Supply voltage	AC 220V		
Operation voltage	AC 80V-400V(single phase)		
Rated frequency	50/60Hz		
Electric current(>A)setting range	63A/80A/100A		
Overvoltage(>U)setting range	230-300V		
Undervoltage(<U) setting range	110-210V		
Reset/start delay	1-30S		
Voltage measurement accuracy	2%(Not exceeding 2% of the overall range)		
Rated insulation voltage	400V		
Output contact	1NO		
Electrical life	10 <sup>5</sup>		
Mechanical life	10 <sup>6</sup>		
Protection degree	IP20		
Pollution degree	8		
Altitude	≤2000m		
Operatintg temperature	-50°C~55°C		
Humidity	<50% at 40°C(without condensation)		
Storage temperature	-30°C~70°C		
Current Specification	63A	80A	100A
Rated Operating current(In,A)	63A	80A	100A
Max Operating Current I <sub>max</sub> (A,within 10min)	80A	100A	100A
Max power of load (KW)	13.9KW	17.6KW	22KW

### 3. Default Setting

Technical Parameter	Setting range	Step	Factory Setting
Over-voltage protection value	AC230V-300V	1V	AC270V
Under-voltage protection value	AC110V-210V	1V	AC170V
Recovery delay time	1S-30S	1S	1S

### 4. Function Setting



Press the H key to set overvoltage value, short press or long press again to adjust the overvoltage value



230-300V



Press the L key to set the undervoltage value, short press or long press again to adjust the undervoltage



Press SAVE to save when finished

210-140V



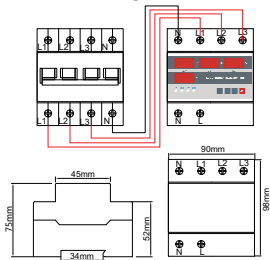
Press the TIME key to set the delay recovery time value, short press or long press again to adjust the value of the delay recovery



Press SAVE to save when finished

1-30S

### 5. Overall and mounting dimensions





# CERTIFICATE

Product Model: YC6VAZs series

Inspector: **CNC001**

Production date: Printed on the product  
or package.

This product is qualified according  
to the delivery inspection

## CNC ELECTRIC

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**CNC**

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